



Mentech
铭普光磁

SMT Flyback Transformer Catalog

2016 A0

Dedication to Excellence

铭诚于心 普实于行

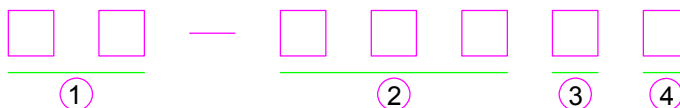
Mentech can offer whole series of power transformer, it designed for fly-back DC/DC converters and used on Power over Ethernet (PoE) applications. Our transformer can meet industrial temperature range, it be recognized by UL and fully compliant to IEEE802.3af standard. The whole series are LEAD-free and RoHS compliant.

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Coding Regulation



Part Number:



Description

① Core Type

EE,EEL
EF,EFD
EP,EPC
ED,EI,ER,ETD,PQ,RM
.....

② Serial Number

1
2
3
.....

③ Pin type

S SMT
D DIP

④ Extracode

G RoHS or Halogen free



Example: EFD-010SG

- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Power (W)	Vinput (DC)	Output	Aux/Bias	Drive	Application freq (KHz)	Pri Inductance (uH)±10%	Leakage Inductance (uH MAX)	Hi-pot (Vrms) Pri-Sec	Size W*L*H(mm)	PAGE
EP Type Platforms											
EP-581SG	1.7	22-72V	3.3V,0.5A	/	/	100	300	4.0	1500	13.3*10.0*9.0	9999-9999
EP-523SG	3.0	36-72V	3.3V,0.91A	12V,20mA	/	250	310	4.8	1500	13.3*10.0*9.5	9999-9999
EP-524SG	3.0	36-72V	5.0V,0.6A	12V,20mA	/	250	310	4.5	1500	13.3*10.0*9.5	9999-9999
EP-525SG	3.0	36-72V	12V,0.25A	12V,20mA	/	250	310	4.3	1500	13.3*10.0*9.5	9999-9999
EP-378SG	5.0	8-30V	5.0V,1.0A	5V,20mA	/	250	30	1.0	1500	10.2*10.0*10.5	9999-9999
EP-492SG	5.0	6-12.6V	100V,50mA	/	/	391	2.7	/	500	10.2*10.0*10.5	9999-9999
EP-536SG	6.0	30-57V	3.3V,1.8A	10V,20mA	6.6V,0.1A	250	155	3.6	1500	15.24*12.5*11.45	9999-9999
EP-569SG	6.7	30-57V	3.3V,1.5A 1.7v,1.0A	10V,0.1A	/	250	100	3.6	1500	15.24*12.5*11.45	9999-9999
EP-316SG	6.7	33-57V	3.3V,1.5A 1.8v,1.0A	12V,20mA	/	200	253	8.5	1500	15.24*12.5*11.45	9999-9999
EP-624SG	7.0	36-72V	3.3V,2.12A	12V,20mA	/	250	155	4.0	1500	15.24*12.5*11.45	9999-9999
EP-095SG	7.0	36-72V	5.0V,1.4A	12V,20mA	/	250	155	3.6	1500	15.24*12.5*11.45	9999-9999
EP-191SG	7.0	36-72V	12V,0.6A	12V,20mA	/	250	155	3.3	1500	15.24*12.5*11.45	9999-9999
EP-312SG	7.0	33-57V	3.3V,2.12A	8.0V,20mA	/	200	253	7.5	1500	15.24*12.5*11.45	9999-9999
EP-315SG	7.0	33-57V	3.3V,2.12A	12V,20mA	/	200	155	5.0	1500	15.24*12.5*11.45	9999-9999
EP-056SG	7.0	33-57V	5.0V,1.4A	8.0V,20mA	/	200	253	7.5	1500	15.24*12.5*11.45	9999-9999
EP-535SG	9.5	30-57V	5.0V,1.8A	10V,20mA	5.0V,0.1A	250	155	3.6	1500	15.24*12.5*11.45	9999-9999
EP-199SG	10.0	9-50V	3.3V,3.0A	5.0V,20mA	/	200	20.4	1.5	1500	15.24*12.5*11.45	9999-9999
EP-255SG	10.0	36-72V	3.3V,3.0A	/	/	400	40	0.7	1500	15.24*12.5*11.45	9999-9999
EP-464SG	10.0	36-72V	5.0V,2.0A	/	/	400	40	1.0	1500	15.24*12.5*11.45	9999-9999
EP-465SG	10.0	36-72V	12V,0.83A	/	/	400	40	0.7	1500	15.24*12.5*11.45	9999-9999
EP-505SG	10.0	36-75V	3.3V,3.0A	/	/	275	97	2.0	1500	17.75*14.2*12.7	9999-9999
EP-808SG	10.0	36-75V	3.3V,3.0A	/	/	275	97	5.0	2500	17.75*14.2*12.7	9999-9999
EP-489SG	11.0	33-57V	3.3V,3.33A	8.0V,20mA	/	200	115.5	1.0	1500	17.75*14.2*12.7	9999-9999
EP-612SG	11.0	33-57V	3.3V,3.33A	12V,20mA	/	200	155.5	5.0	1500	17.75*14.2*12.7	9999-9999
EP-423SG	11.0	33-57V	5.3V,2.0A	12V,20mA	5.3V,20mA	275	95	1.0	1500	17.75*14.2*12.7	9999-9999
EP-558SG	12.5	36-57V	5.0V,2.5A	12V,20mA	5.0V,0.1A	200	96	1.0	1500	17.75*14.2*12.7	9999-9999
EP-285SG	13.0	36-72V	3.3V,4.0A	12V,20mA	/	250	127	1.25	1500	17.75*14.2*12.7	9999-9999
EP-113SG	13.0	36-72V	5.0V,2.6A	12V,20mA	/	250	127	0.95	1500	17.75*14.2*12.7	9999-9999
EP-286SG	13.0	36-72V	12V,1.08A	12V,20mA	/	250	127	0.65	1500	17.75*14.2*12.7	9999-9999
EP-420SG	13.0	24-60V	3.3V,4.0A	10V,50mA	/	250	127	1.25	1500	17.75*14.2*12.7	9999-9999
EP-476SG	13.0	36-80V	5.0V,2.6A	12V,20mA	/	250	127	0.95	1500	17.75*14.2*12.7	9999-9999
EP-503SG	13.0	43-57V	12V,1.1A	12V,20mA	/	250	40	2.5	1500	17.75*14.2*12.7	9999-9999
EP-518SG	13.0	33-57V	3.3V,4.0A	12V,20mA	/	200	77.5	0.8	1500	17.75*14.2*12.7	9999-9999
EP-506SG	13.5	33-57V	3.3V,4.1A	8.0V,20mA	/	200	127	7.5	1500	17.75*14.2*12.7	9999-9999
EP-603SG	13.5	33-57V	12V,1.13A	8.0V,20mA	/	200	127	2.5	1500	17.75*14.2*12.7	9999-9999
EP-097SG	13.5	33-57V	12V,1.13A	12V,20mA	/	200	77.5	0.8	1500	17.75*14.2*12.7	9999-9999
EP-425SG	15.0	36-57V	3.3V,4.5A	/	/	200	40	0.7	1500	17.75*14.2*12.7	9999-9999

- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Power (W)	Vinput (DC)	Output	Aux/Bias	Drive	Application freq (KHz)	Pri Inductance (uH)±10%	Leakage Inductance (uH MAX)	Hi-pot (Vrms) Pri-Sec	Size W*L*H(mm)	PAGE
EP Type Platforms											
EP-427SG	15.0	36-57V	5.0V,3.0A	/	/	200	40	0.65	1500	17.75*14.2*12.7	9999-9999
EP-704SG	15.0	36-57V	12V,1.25A	/	/	200	40	0.6	1500	17.75*14.2*12.7	9999-9999
EP-602SG	15.0	36-60V	5.0V,3.0A	12V,20mA	/	250	64	1.5	1500	17.75*14.2*12.7	9999-9999
EP-547SG	15.0	36-64V	54V,0.28A	13.5V,20mA	/	250	32.4	1.0	1500	17.75*14.2*12.7	9999-9999
EP-546SG	18.0	33-57V	12V,1.5A	12V,10mA	/	250	100.5	0.9	1500	17.75*14.2*12.7	9999-9999
EP-527SG	24.0	33-57V	12V,2.0A	10V,20mA	5.0V,10mA	400	90	2.0	1500	17.75*14.2*12.7	9999-9999
EP-421SG	25.0	37-57V	5.0V,5.0A	12V,30mA	/	250	37	1.0	1500	17.75*14.2*12.7	9999-9999
EP-475SG	25.0	37-57V	12V,2.1A	12.5V,30mA	/	250	38	0.5	1500	17.75*14.2*12.7	9999-9999
EP-197SG	27.0	33-57V	15V,1.8A	12V,20mA	/	200	29	1.0	1500	17.75*14.2*12.7	9999-9999
EP-434SG	30.0	33-57V	12V,2.5A	15V,20mA	/	600	17.3	0.6	1500	17.75*14.2*12.7	9999-9999
EP-389SG	30.0	33-57V	12V,2.5A	12V,10mA	/	200	100.5	0.9	1500	17.75*14.2*12.7	9999-9999
EFD Type Platforms											
EFD-022SG	10.0	36-57V	3.3V,3.0A	10V,20mA	5.6V,10mA	125	166.5	2.5	1500	22.3*17.3*9.0	9999-9999
EFD-008SG	10.0	36-57V	5.0V,2.0A	10V,20mA	7.5V,10mA	125	150	1.9	1500	22.3*17.3*9.0	9999-9999
EFD-275SG	10.0	36-57V	12V,0.83A	10V,20mA	6.0V,10mA	125	166.5	1.8	1500	22.3*17.3*9.0	9999-9999
EFD-007SG	10.0	30-57V	5.0V,2.0A	10V,15mA	7.5V,10mA	100	157.5	2.0	1500	22.3*17.3*9.0	9999-9999
EFD-222SG	10.0	28-59V	3.3V,3.0A	10V,15mA	5.6V,10mA	100	170	3.0	1500	22.3*17.3*9.0	9999-9999
EFD-080SG	11.0	9.5-60V	4.4V,2.5A	11.7V,15mA	5.6V,10mA	250	60	0.8	1500	22.3*17.3*9.0	9999-9999
EFD-408SG	12.0	37-57V	12V,1.0A	11.5V,0.2A	/	200	170	4.0	1500	22.3*17.3*9.0	9999-9999
EFD-252SG	13.0	28-59V	3.3V,4.0A	10V,15mA	5.6V,10mA	100	170	3.0	1500	22.3*17.3*9.0	9999-9999
EFD-224SG	13.0	36-60V	5.0V,2.6A	6.0V,20mA	6.0V,10mA	100	62.4	1.0	1500	22.3*17.3*9.0	9999-9999
EFD-394SG	13.0	36-72V	5.0V,2.6A	12V,20mA	/	250	40	1.9	1500	22.3*17.3*9.0	9999-9999
EFD-262SG	13.0	36-72V	5.0V,2.6A	15V,0.2A	/	250	94	3.9	1500	22.3*17.3*9.0	9999-9999
EFD-207SG	13.0	9-57V	12V,1.1A	15V,20mA	/	250	9.0	1.0	1500	22.3*17.3*9.0	9999-9999
EFD-352SG	14.0	30-57V	3.3V,2.0A 5.0V,1.5A	12V,20mA	/	200	62	5.0	1500	22.3*17.3*9.0	9999-9999
EFD-069SG	14.0	30-57V	3.3V,2.0A 5.0V,1.5A	12V,20mA	30V,50mA	200	62	1.0	1500	22.3*17.3*9.0	9999-9999
EFD-328SG	15.0	9-57V	5.0V,3.0A	13V,15mA	5.0V,10mA	300	20	0.5	1500	22.3*17.3*9.0	9999-9999
EFD-095SG	15.0	36-72V	12V,1.25A	12V,20mA	/	250	35	1.0	1500	22.3*17.3*9.0	9999-9999
EFD-373SG	18.0	36-57V	12V,1.5A	12V,0.1A	5.0V,0.1A	250	240	2.0	1500	22.0*17.0*9.0	9999-9999
EFD-037SG	24.0	36-72V	12V,2.0A	12V,20mA	/	250	35	0.6	1500	22.3*17.3*9.0	9999-9999
EFD-304SG	25.0	33-57V	12V,2.1A	12V,30mA	/	250	37	0.75	1500	22.0*17.0*9.0	9999-9999
EFD-278SG	30.0	37-57V	12V,2.5A	13V,20mA	/	200	20	0.8	1500	22.3*17.3*9.0	9999-9999
EFD-405SG	15.0	10.8-57V	12V,1.25A	11.5V,15mA	11V,15mA	250	45	0.55	1500	29.3*21.85*12.0	9999-9999
EFD-031SG	25.0	18-57V	3.3V,7.5A	11V,20mA	/	250	50	2.2	1500	29.3*21.85*12.0	9999-9999
EFD-064SG	25.0	18-57V	5.0V,5.0A	11V,20mA	/	250	50	1.1	1500	29.3*21.85*12.0	9999-9999
EFD-344SG	25.0	36-57V	5.0V,5.0A	12V,20mA	/	250	70	1.0	1500	29.3*21.85*12.0	9999-9999
EFD-363SG	25.0	33-57V	12V,2.08A	11.2V,20mA	6.0V,10mA	250	75	1.0	1500	29.3*21.85*12.0	9999-9999

- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.

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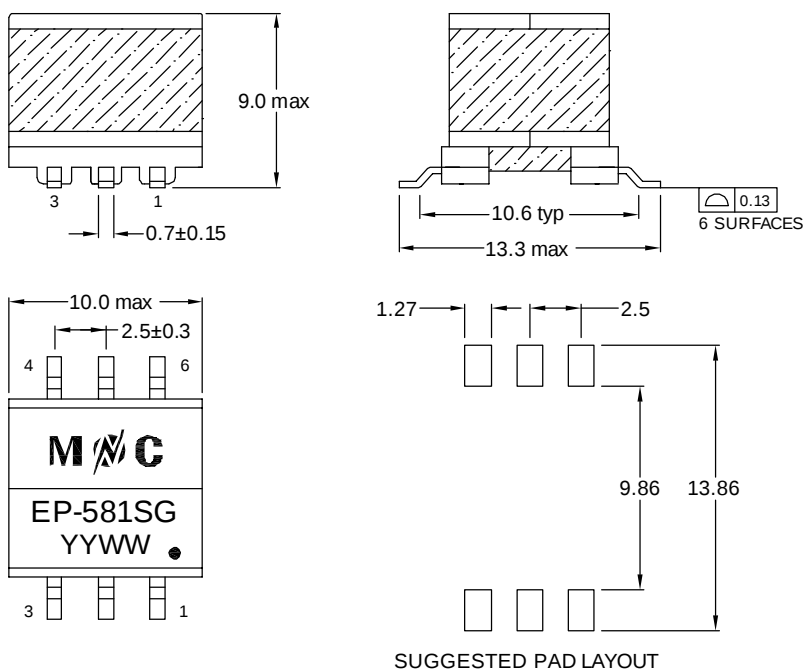
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Electrical Specifications @25 °C

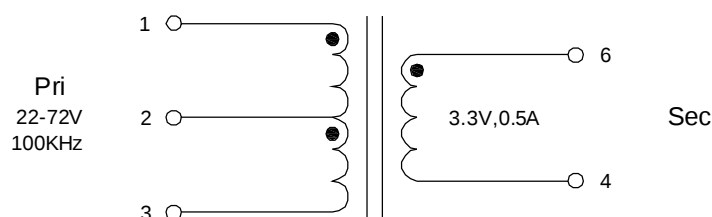
Part Number	Turns Ratio(±3%)		OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	1-2:2-3	1-3:6-4	1-3	1-3 (short pin4+6)	1-3	6-4	Pri-Sec
EP-581SG	1:1	1:0.119	L _{0A} =300 L _{0.45A} ≥ 80%(L _{0A})	4.0	890	13	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

350pcs per reel
2.01g/pcs

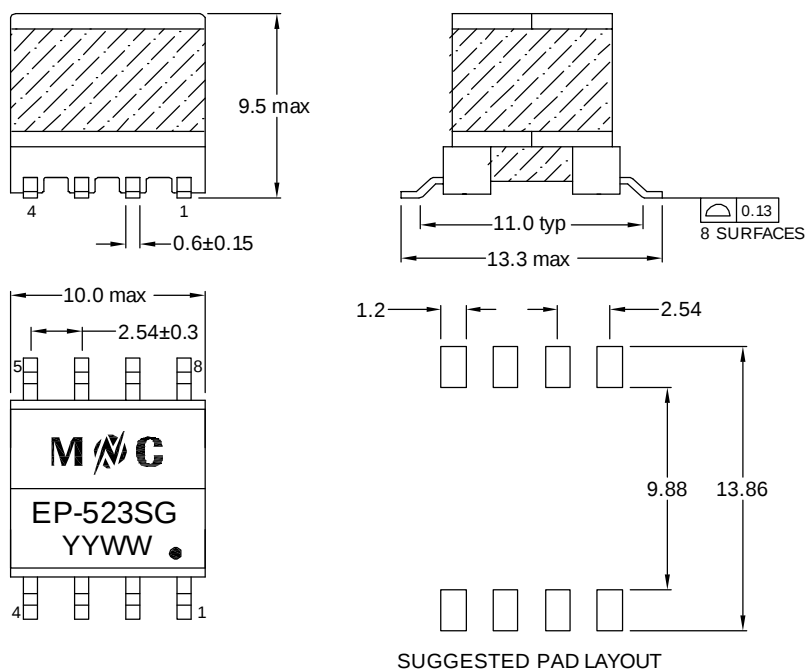
- IEC60950 Compatible.
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- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

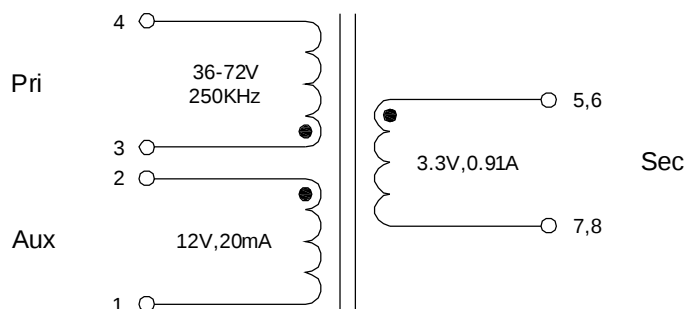
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-523SG	1:0.19:0.7	L _{0A} =310 L _{0.3A} ≥ 90%(L _{0A})	4.8	1020	2010	66	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 400pcs per reel 2.16g/pcs

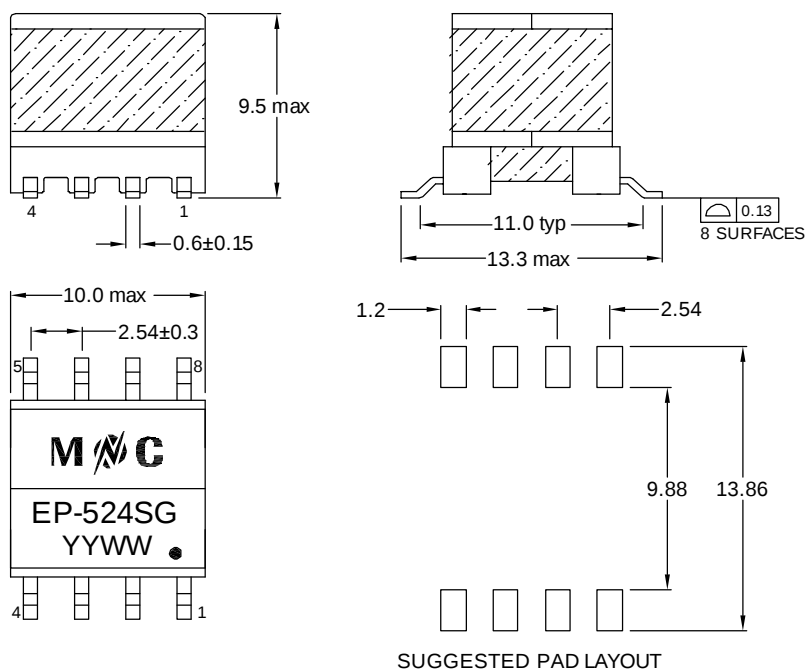
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- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

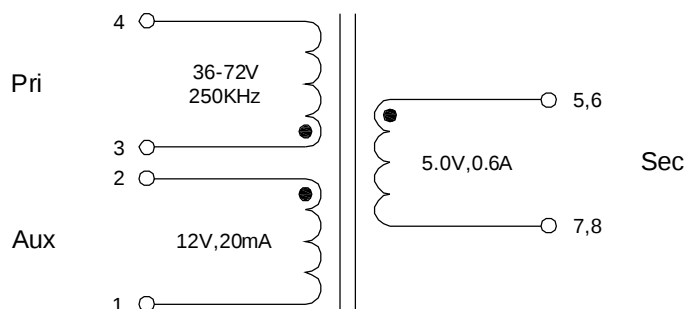
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-524SG	1:0.28:0.7	L _{0A} =310 L _{0.3A} ≥90%(L _{0A})	4.5	1020	2010	118	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 400pcs per reel
1.96g/pcs

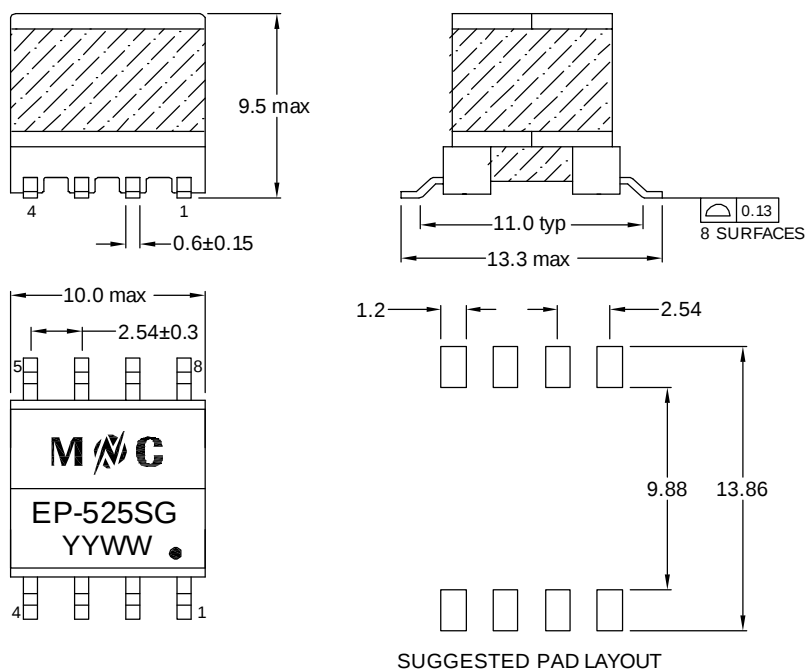
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Electrical Specifications @25 °C

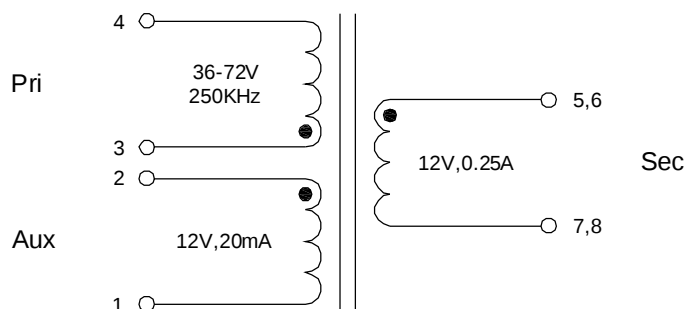
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-525SG	1:0.7:0.7	L _{0A} =310 L _{0.3A} ≥ 90%(L _{0A})	4.25	1040	2010	700	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 400pcs per reel
1.89g/pcs

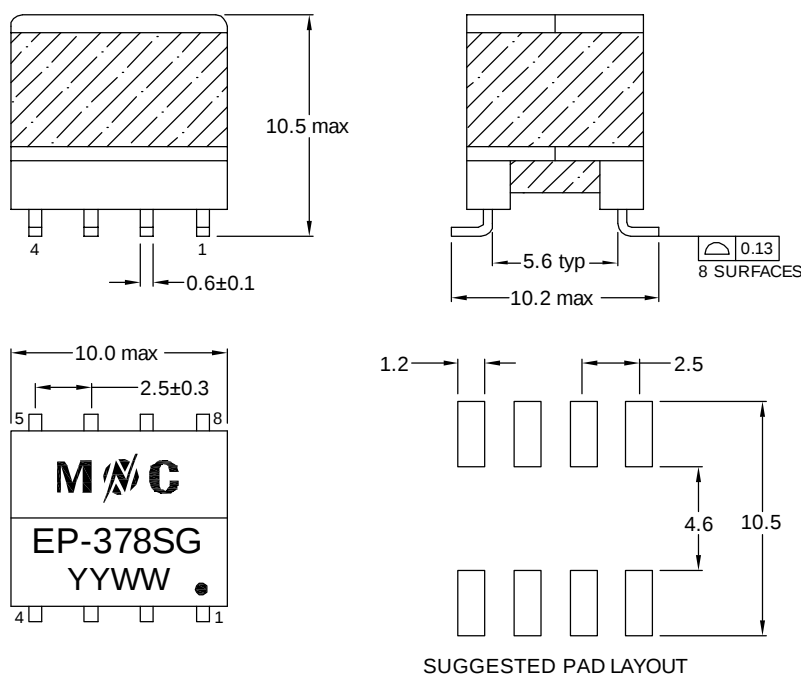
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- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

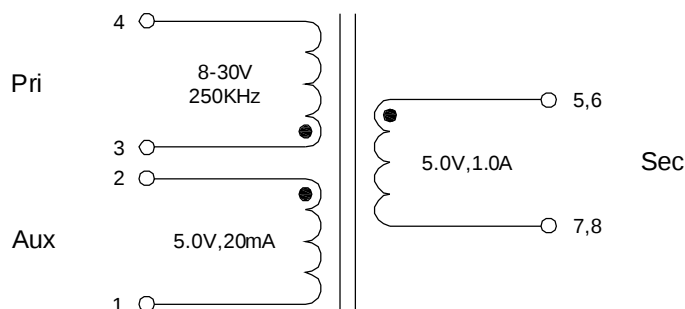
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-378SG	1:0.333:0.333	30	1.0	70	120	15	1500

SCHEMATICS



Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 350pcs per reel
2.05g/pcs

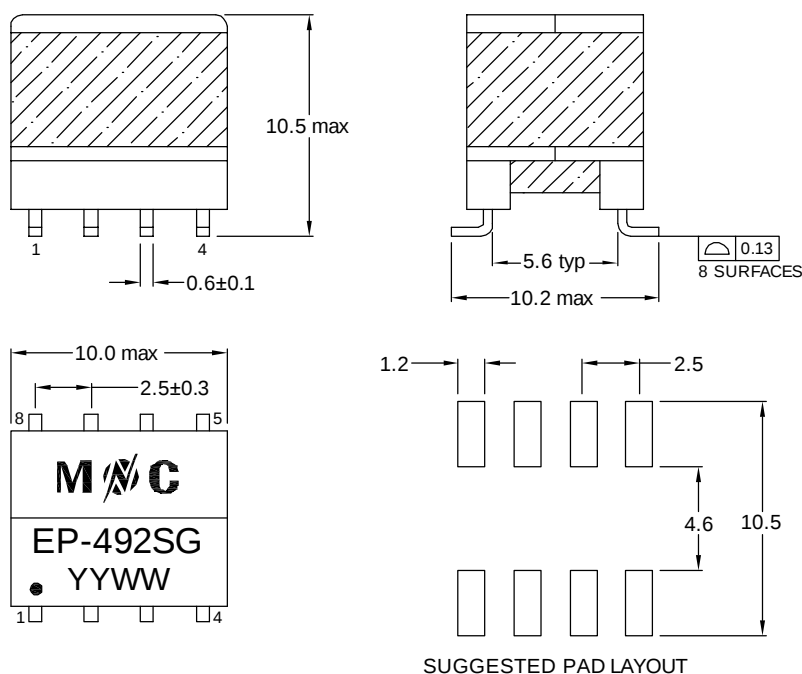
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Electrical Specifications @25 °C

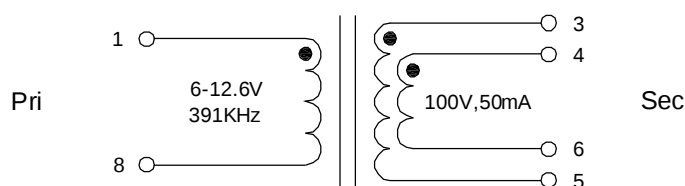
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	1-8:3,4-5,6	1-8	1-8	3,4-5,6	Pri-Sec
EP-492SG	1:4	2.7	11	345	500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel 350pcs per reel
Weigh 2.09g/pcs

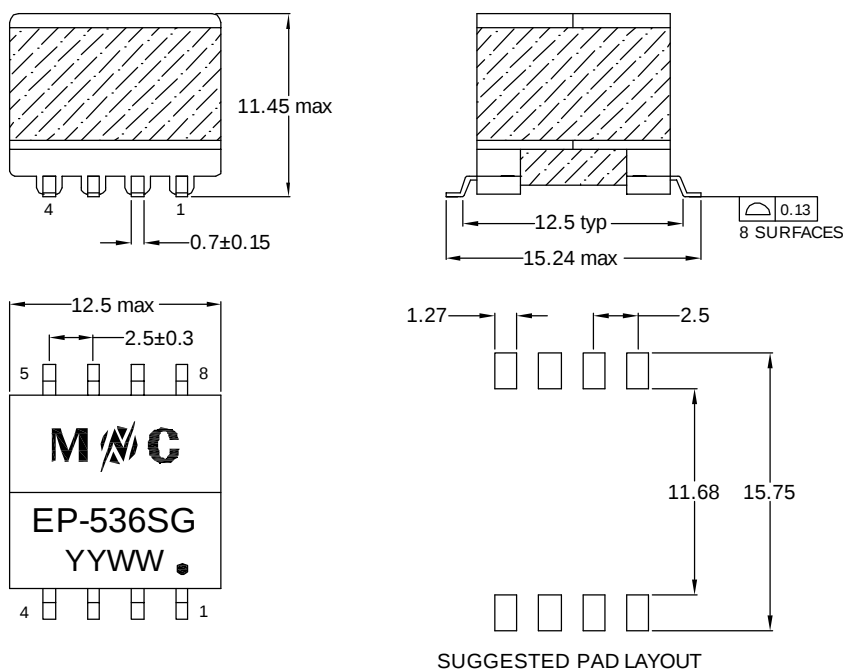
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Electrical Specifications @25 °C

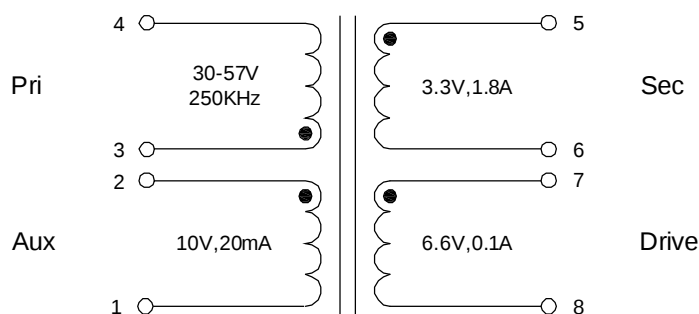
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3-6,7)
	3-4:5-6:7-8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5-6	7-8	
EP-536SG	1:0.262:0.524:0.786	L _{0A} =155 L _{0.65A} ≥ 85%(L _{0A})	3.6	300	1600	25	600	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.25g/pcs

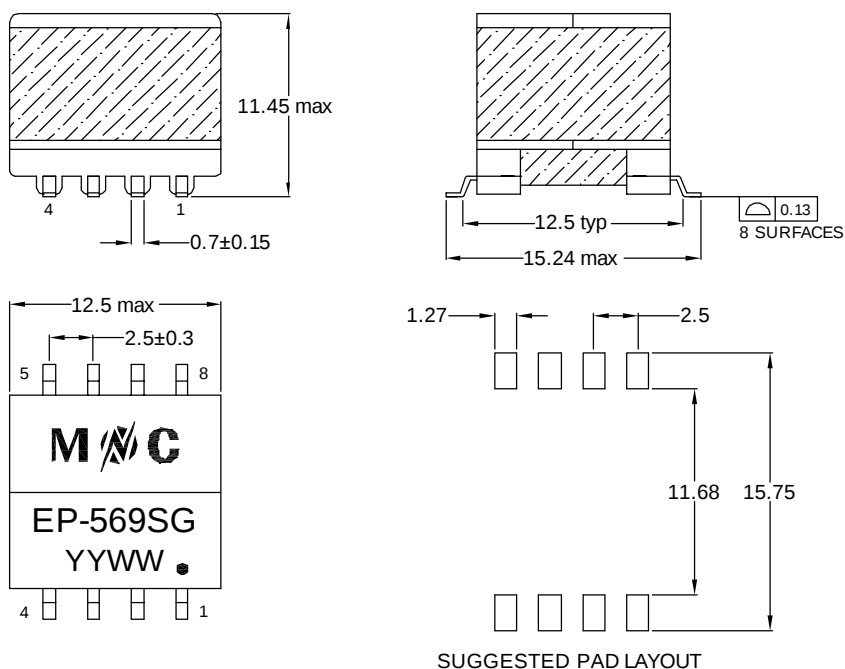
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

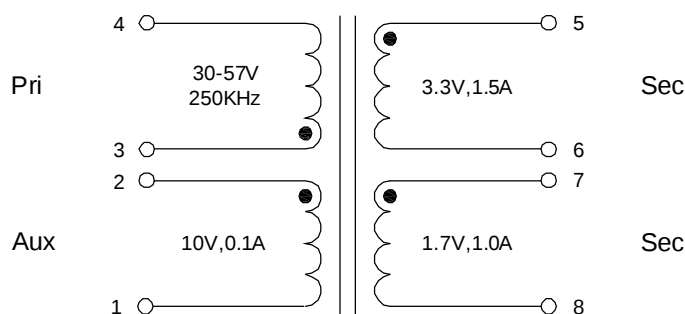
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms)
	3-4:5-6:7-8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5-6	7-8	Pri/Aux-Sec
EP-569SG	1:0.262:0.143:0.786	L _{0A} =100 L _{1.0A} ≥ 80%(L _{0A})	3.6	414	1000	45	80	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.33g/pcs

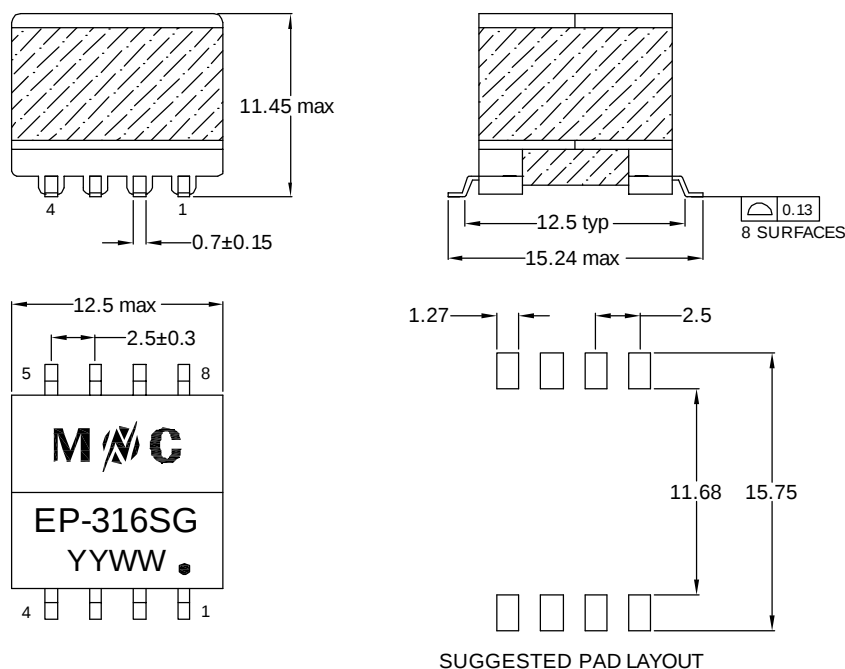
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

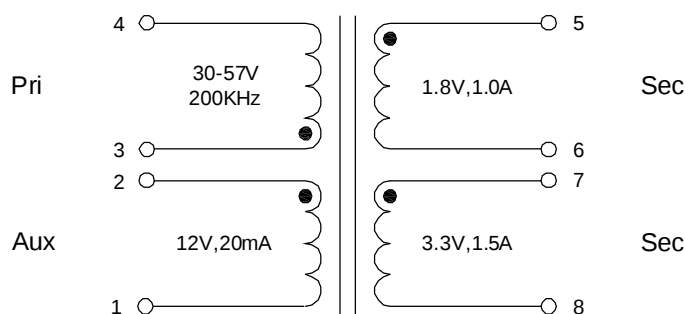
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V 3-4 (short other pins)	DCR (mΩ max)				HI-POT (Vrms) Pri/Aux-Sec
				3-4	2-1	5-6	7-8	
EP-316SG	1:0.042:0.062:0.271	253	8.5	420	335	25	15	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.46g/pcs

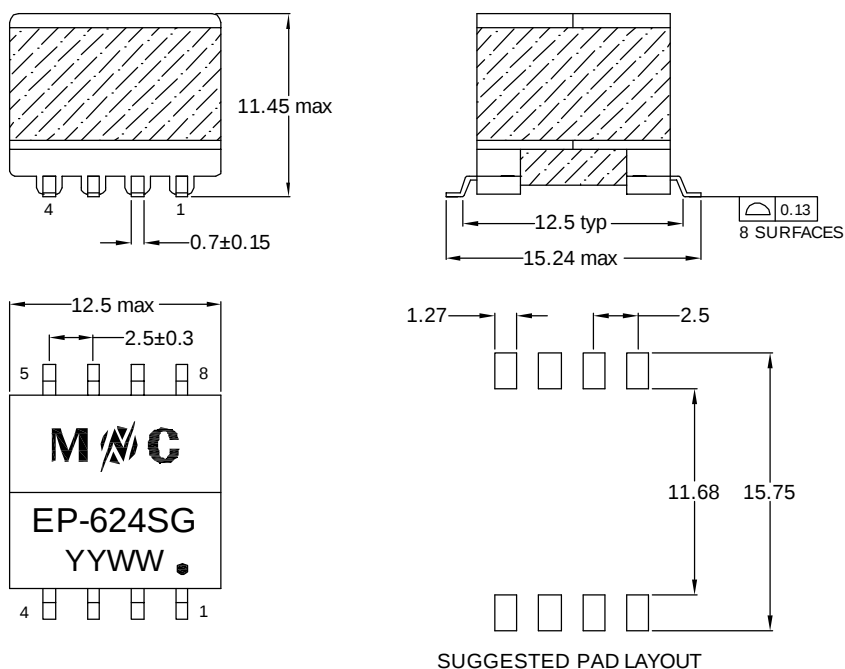
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

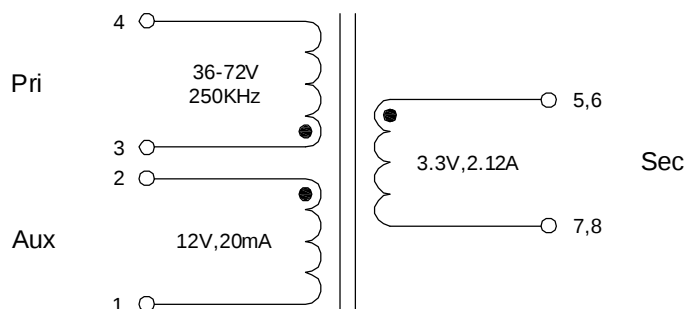
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-624SG	1:0.19:0.667	L _{0A} =155 L _{0.65A} ≥ 90%(L _{0A})	4.0	414	822	36	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh 250pcs per reel
3.98g/pcs

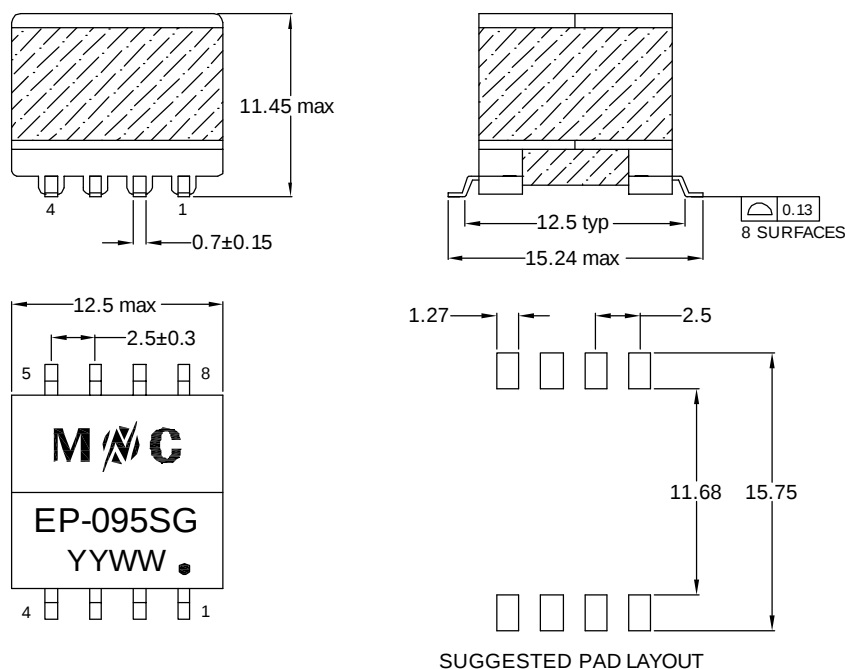
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

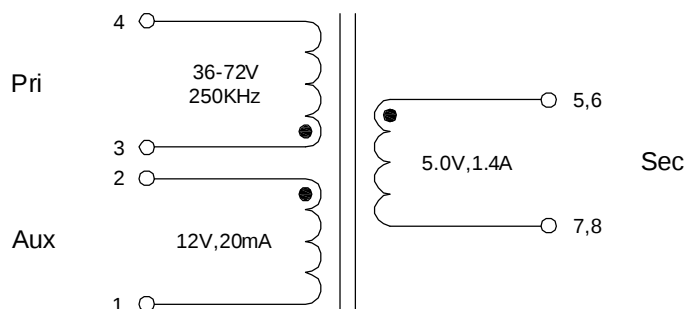
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-095SG	1:0.262:0.667	L _{0A} =155 L _{0.65A} ≥ 90%(L _{0A})	3.6	414	822	60	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.94g/pcs

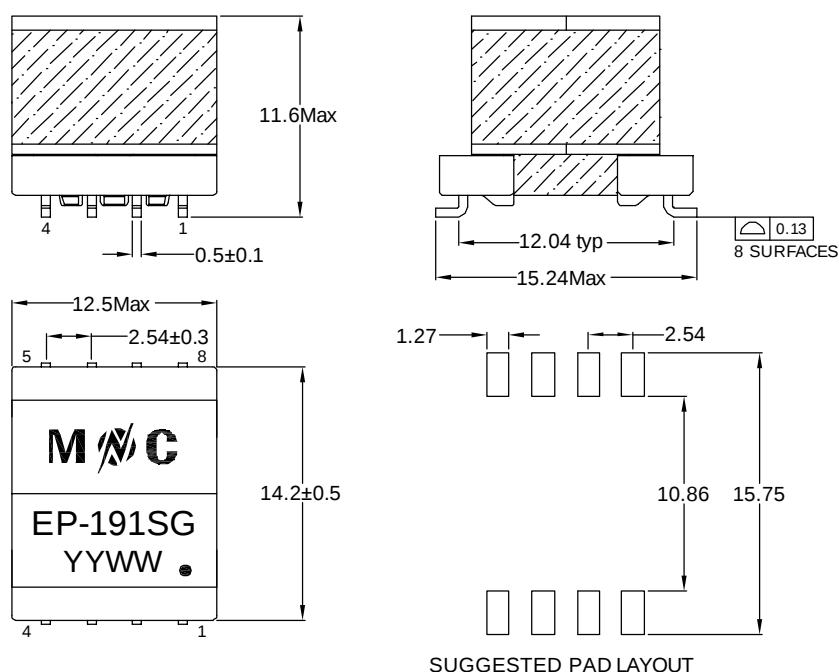
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

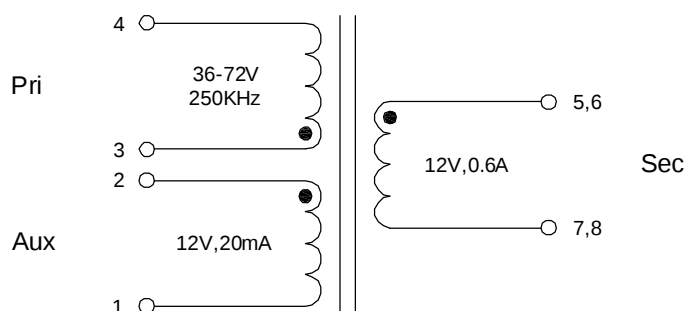
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-191SG	1:0.667:0.667	L _{0A} =155 L _{0.65A} ≥ 90%(L _{0A})	3.25	414	822	343	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
4.39g/pcs

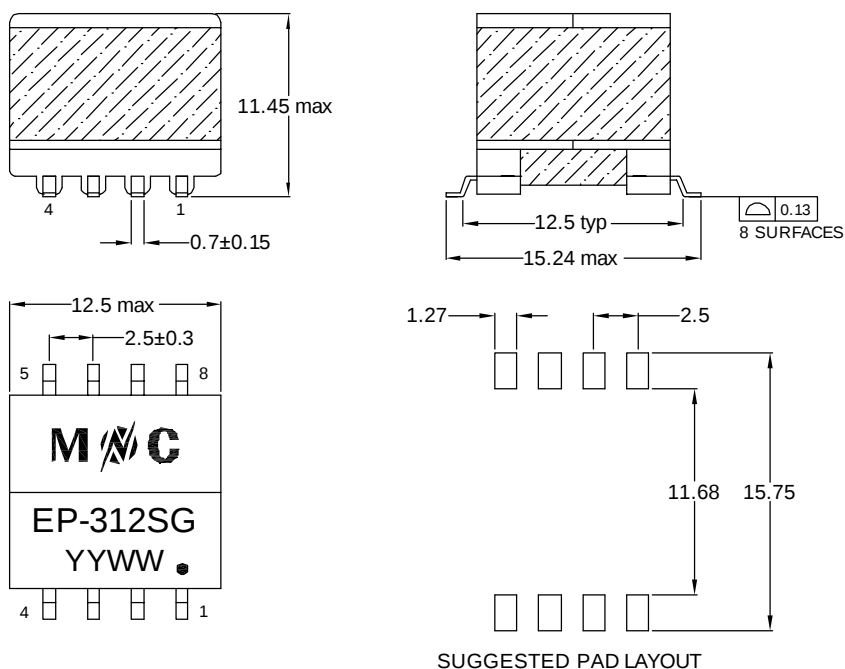
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

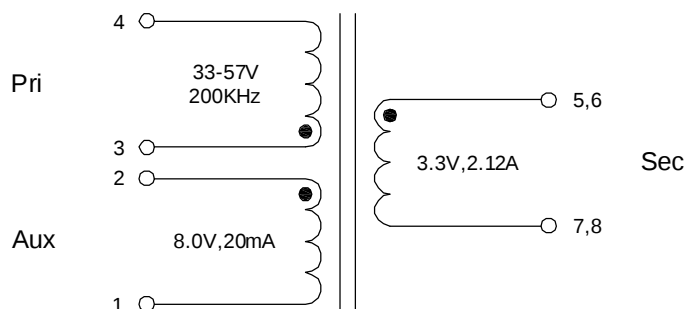
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-312SG	1:0.083:0.208	253	7.5	420	115	7.5	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 3.18g/pcs

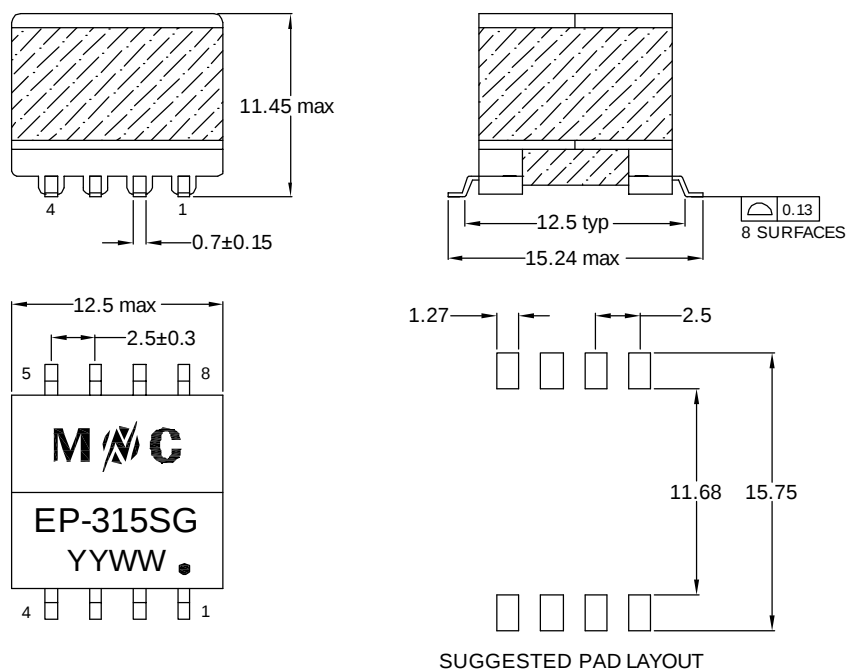
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

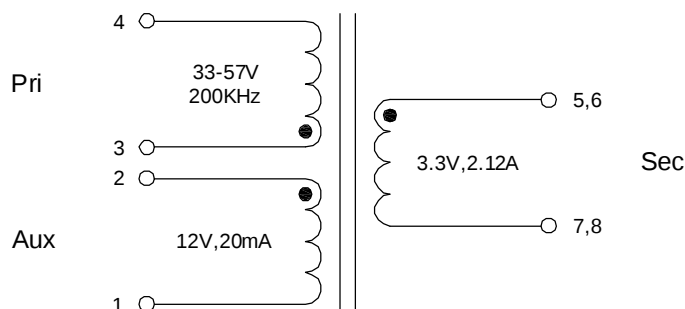
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-315SG	1:0.182:0.682	155	5.0	530	900	31	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

250pcs per reel
3.12g/pcs

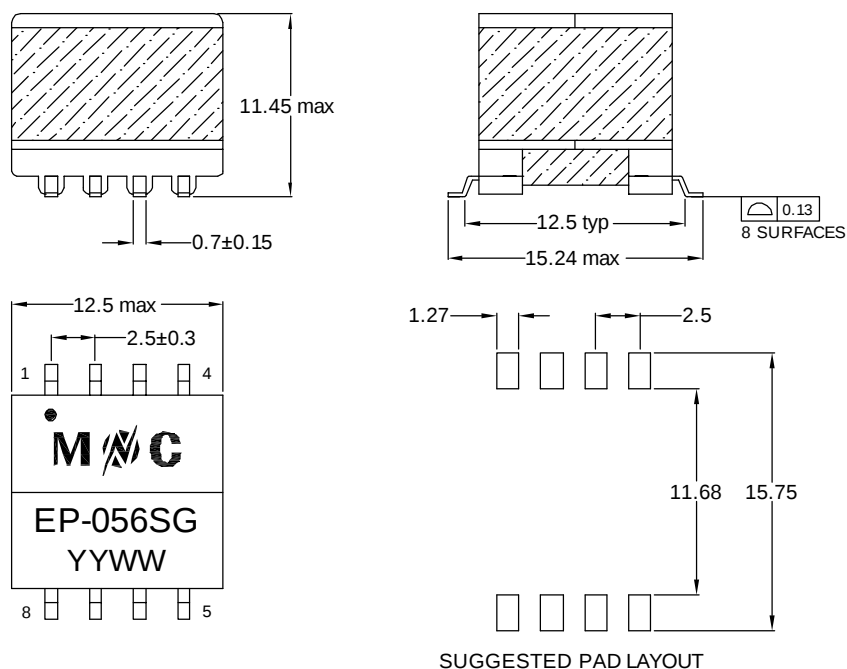
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

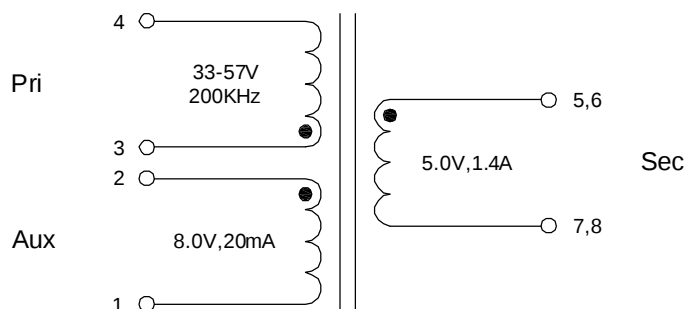
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5,6-7,8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5,6-7,8	Pri/Aux-Sec
EP-056SG	1:0.125:0.208	253	7.5	420	115	16	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 3.40g/pcs

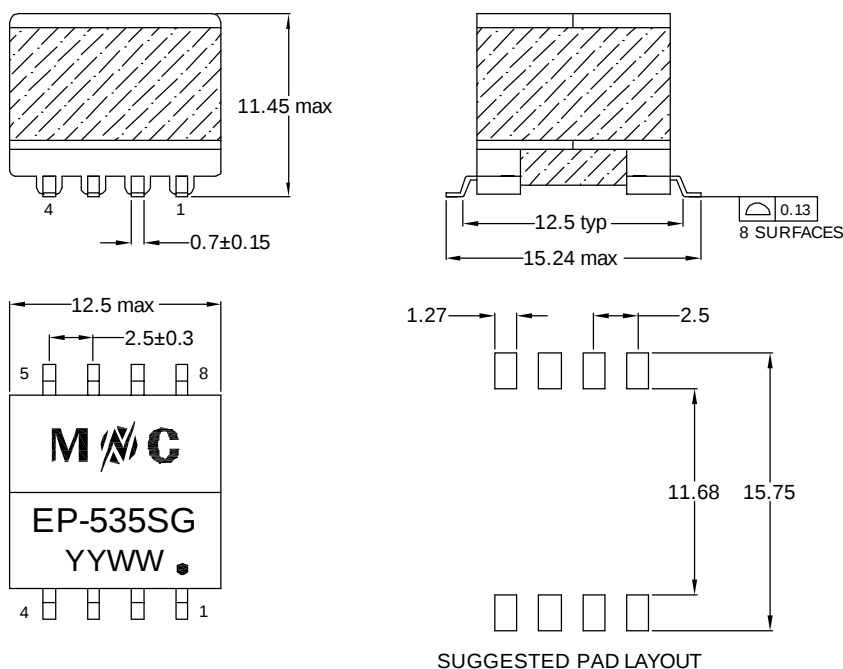
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

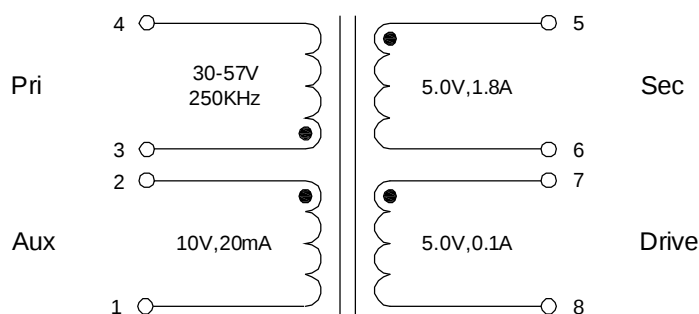
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3-6,7)
	3-4:5-6:7-8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5-6	7-8	
EP-535SG	1:0.262:0.262:0.524	L _{0A} =155 L _{0.65A} ≥85%(L _{0A})	3.6	260	400	55	110	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.80g/pcs

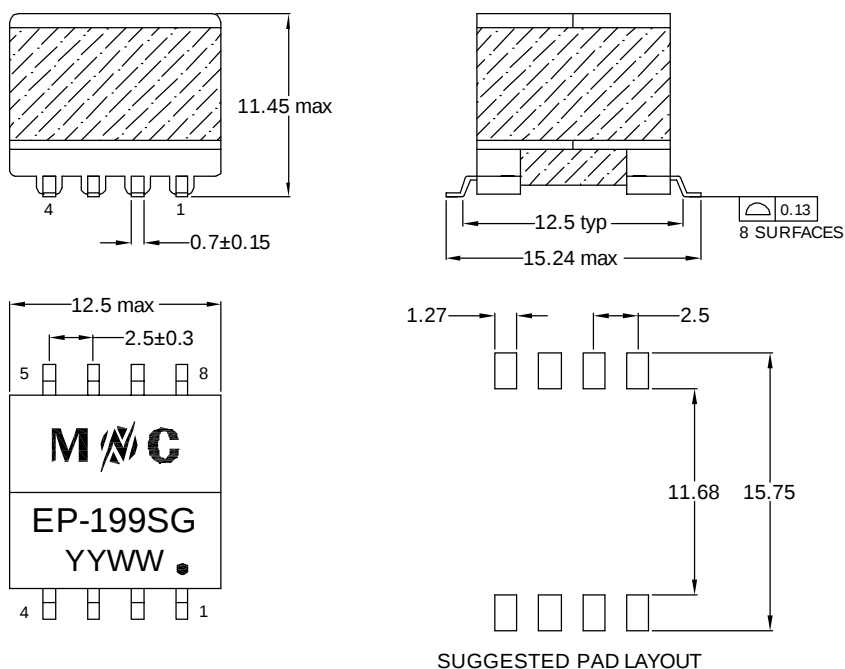
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

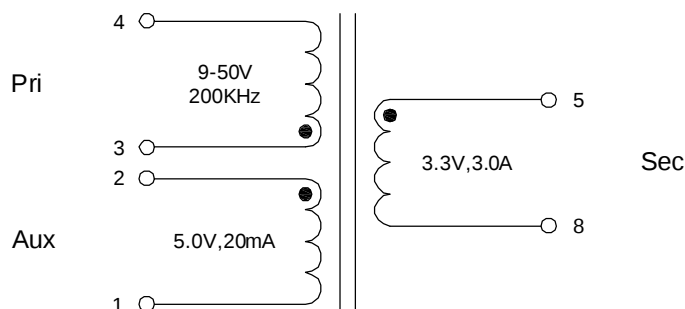
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:5-8:2-1	3-4	3-4 (short other pins)	3-4	2-1	5-8	Pri/Aux-Sec
EP-199SG	1:0.444:0.388	20.4	1.5	80	105	30	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

250pcs per reel
3.65g/pcs

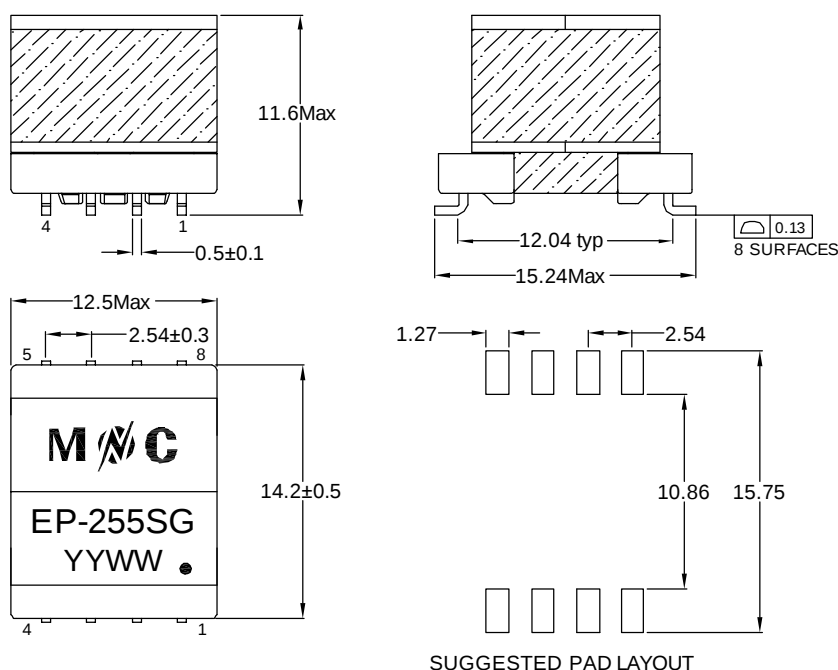
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

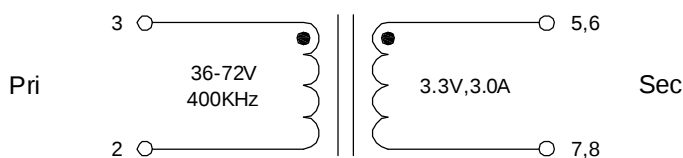
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	3-2:5,6-7,8	3-2	3-2 (short other pins)	3-2	5,6-7,8	Pri-Sec
EP-255SG	1:0.3	L _{0A} =40 L _{1.3A} ≥ 90%(L _{0A})	0.7	98	62	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
3.85g/pcs

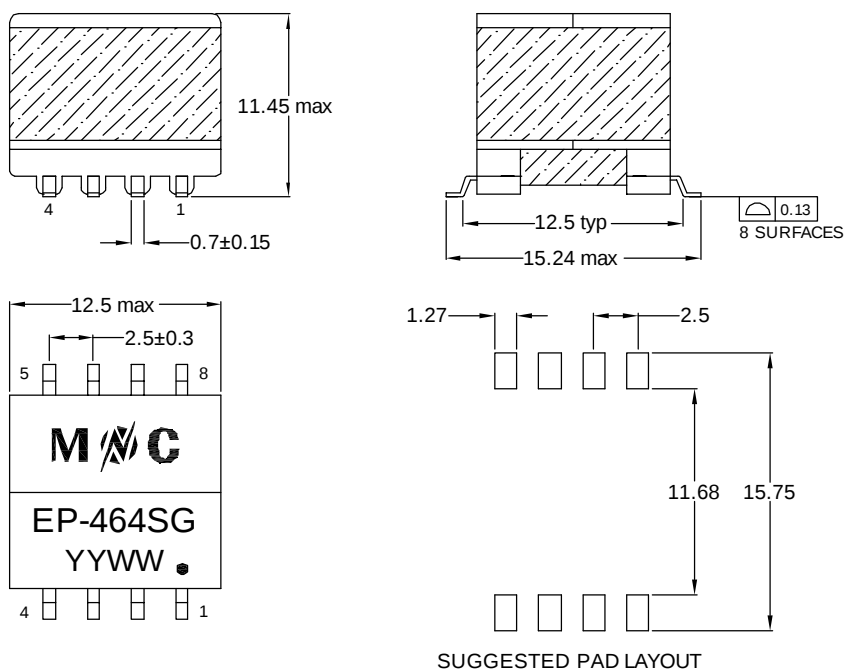
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

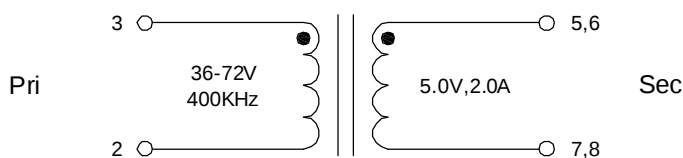
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	3-2:5,6-7,8	3-2	3-2 (short other pins)	3-2	5,6-7,8	Pri-Sec
EP-464SG	1:0.4	L _{0A} =40 L _{1.3A} ≥ 90%(L _{0A})	1.0	98	85	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
2.64g/pcs

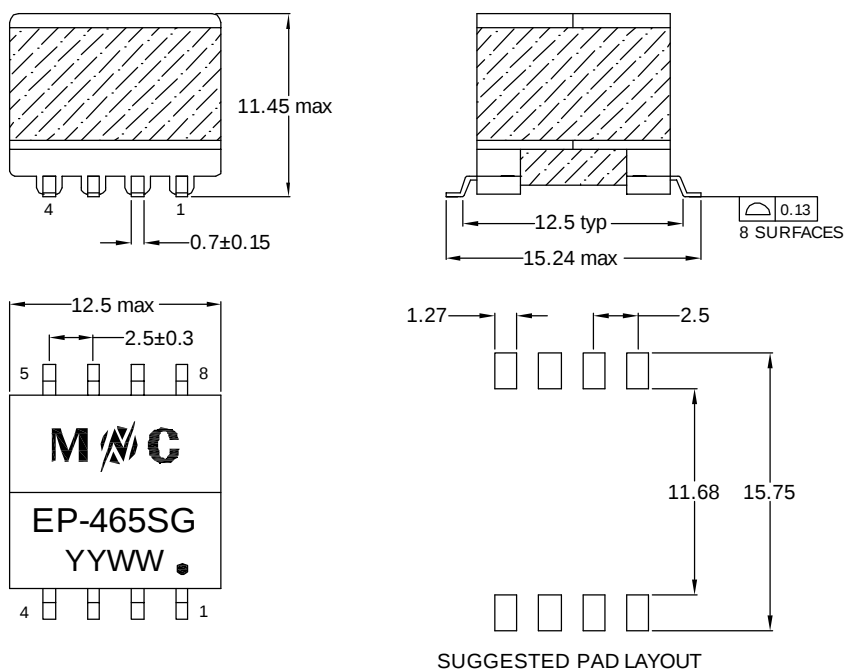
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

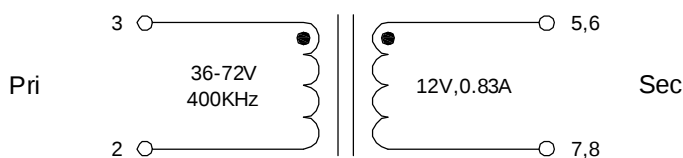
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	3-2:5,6-7,8	3-2	3-2 (short other pins)	3-2	5,6-7,8	Pri-Sec
EP-465SG	1:1	L _{0A} =40 L _{1.3A} ≥ 90%(L _{0A})	0.7	98	156	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
3.38g/pcs

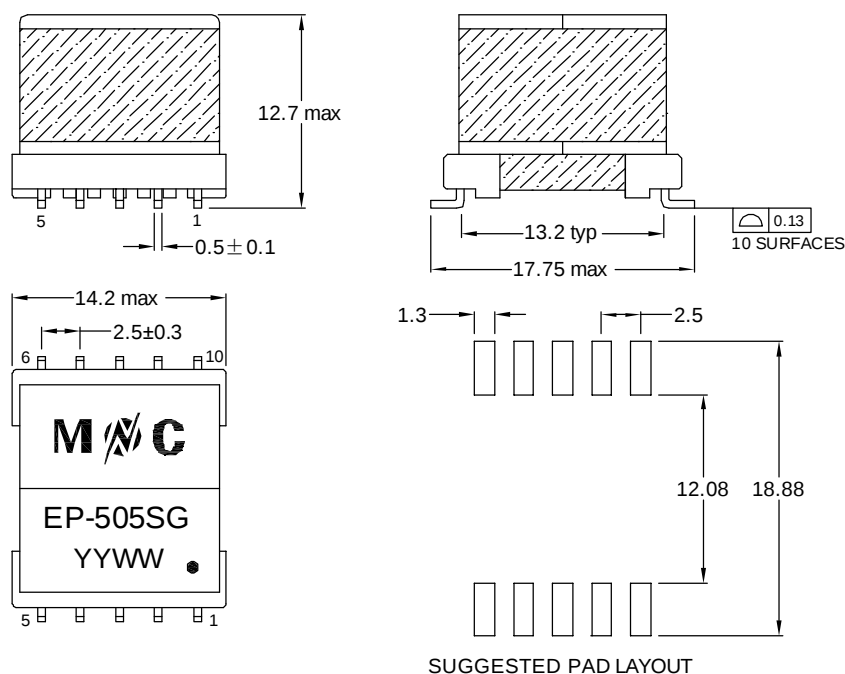
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

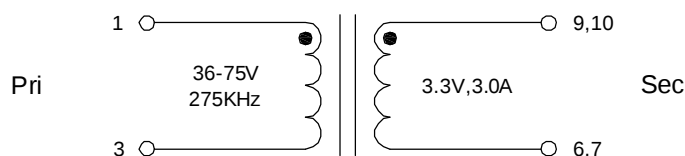
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	1-3:10,9-6,7	1-3	1-3 (short other pins)	1-3	10,9-6,7	Pri-Sec
EP-505SG	1:0.3	L _{0A} =97 L _{1.2A} ≥ 90%(L _{0A})	2.0	232	20	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.16g/pcs

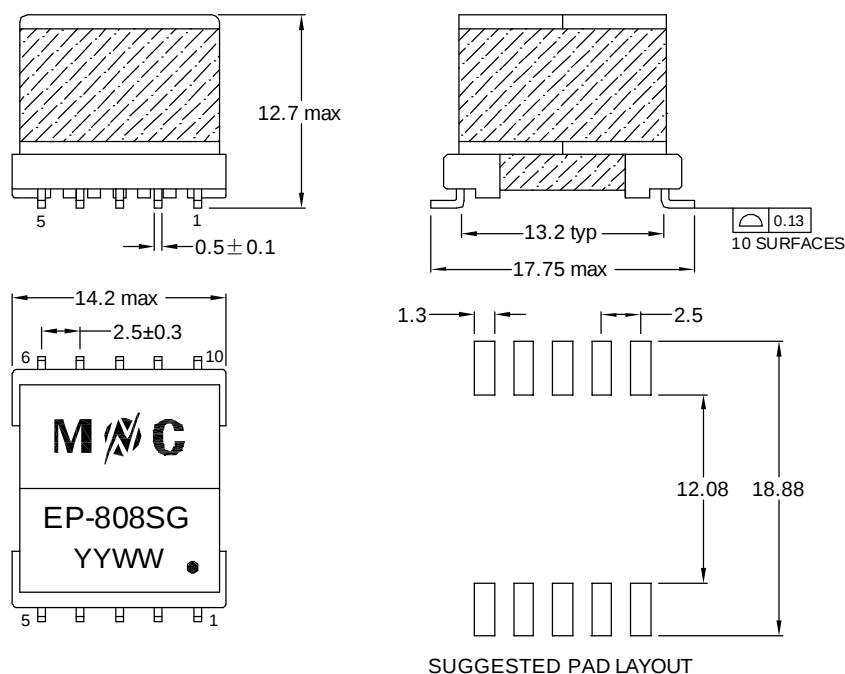
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

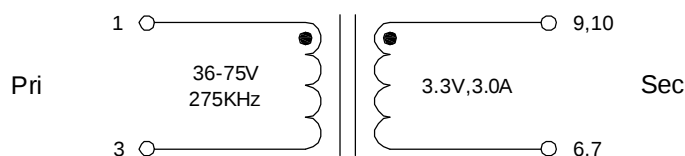
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	1-3:10,9-6,7	1-3	1-3 (short other pins)	1-3	10,9-6,7	Pri-Sec
EP-808SG	1:0.3	L _{0A} =97 L _{1.2A} ≥ 90%(L _{0A})	5.0	232	20	2500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.30g/pcs

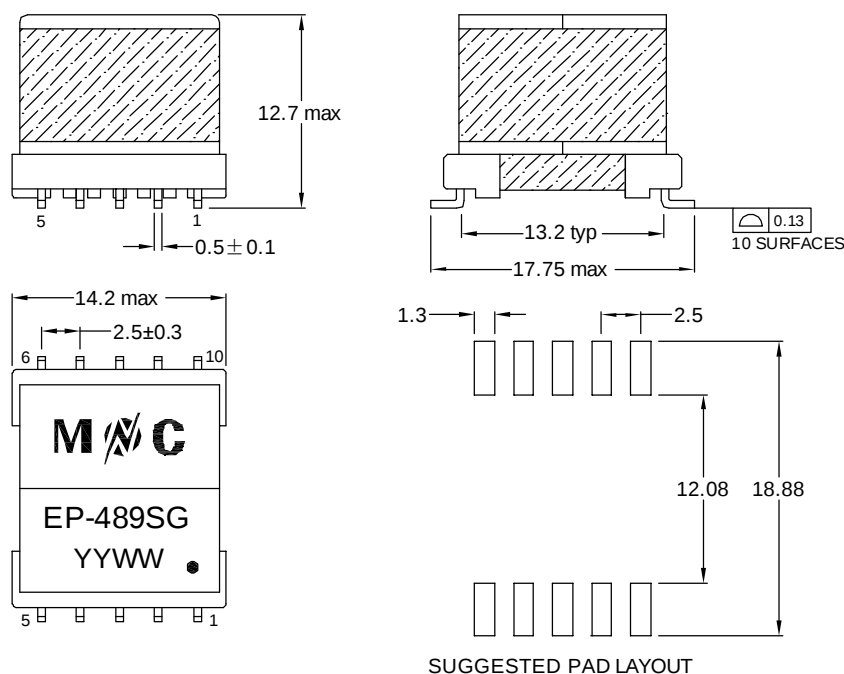
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

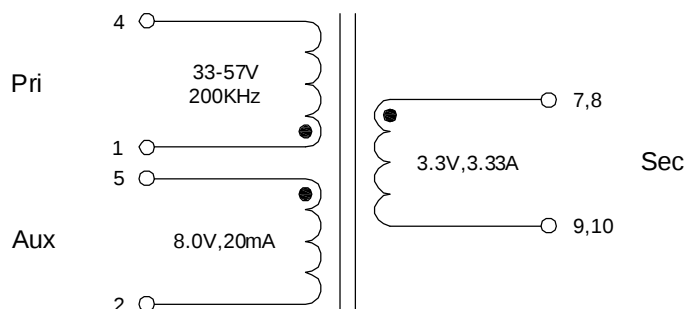
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1-4:7,8-9,10:5-2	1-4	1-4 (short other pins)	1-4	5-2	7,8-9,10	Pri/Aux-Sec
EP-489SG	1:0.167:0.333	115.5	1.0	330	460	11	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.70g/pcs

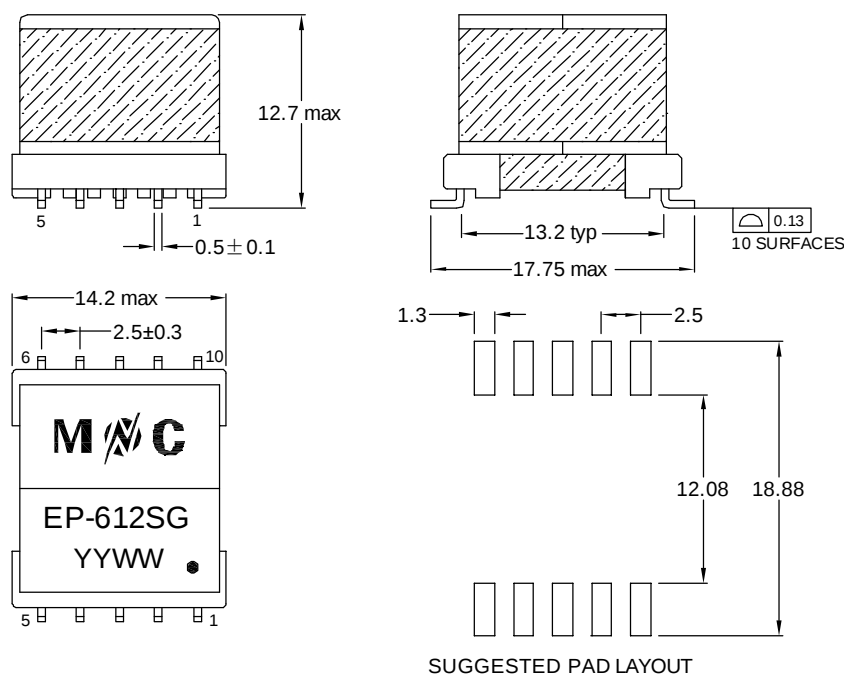
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

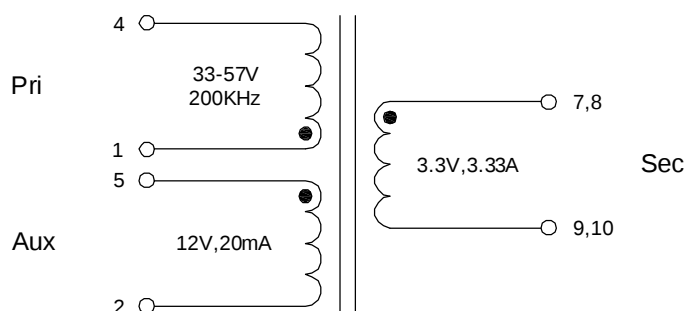
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1-4:7,8-9,10:5-2	1-4	1-4 (short other pins)	1-4	5-2	7,8-9,10	Pri/Aux-Sec
EP-612SG	1:0.167:0.638	155.5	5.0	330	650	11	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.42g/pcs

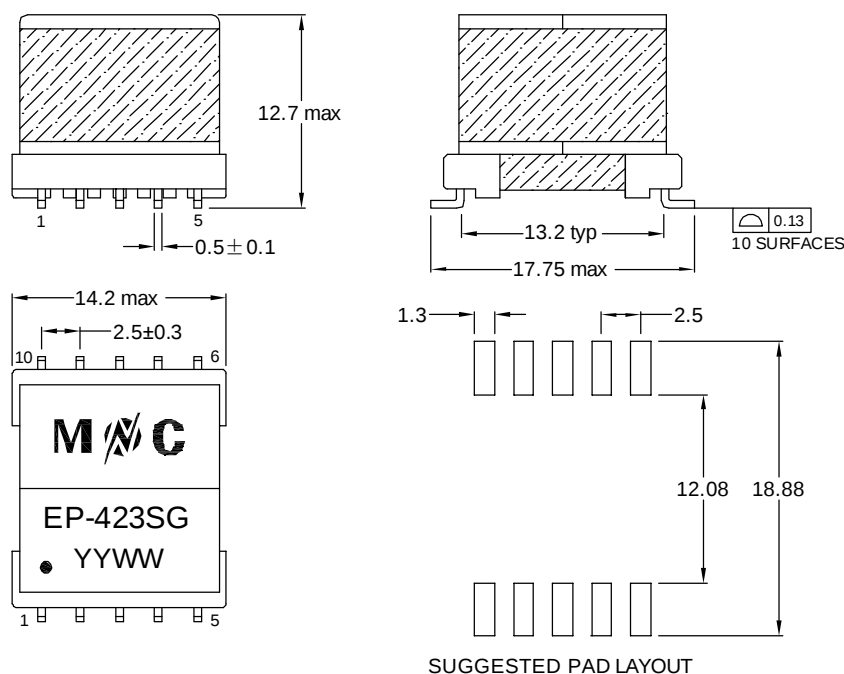
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

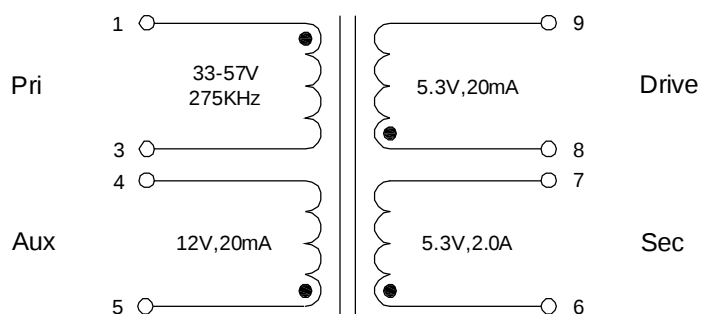
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms)
	1-3:6-7:8-9:5-4	1-3	1-3 (short other pins)	1-3	5-4	6-7	8-9	pin (3,4-7,8)
EP-423SG	1:0.307:0.307:0.692	95	1.0	230	500	37	80	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.23g/pcs

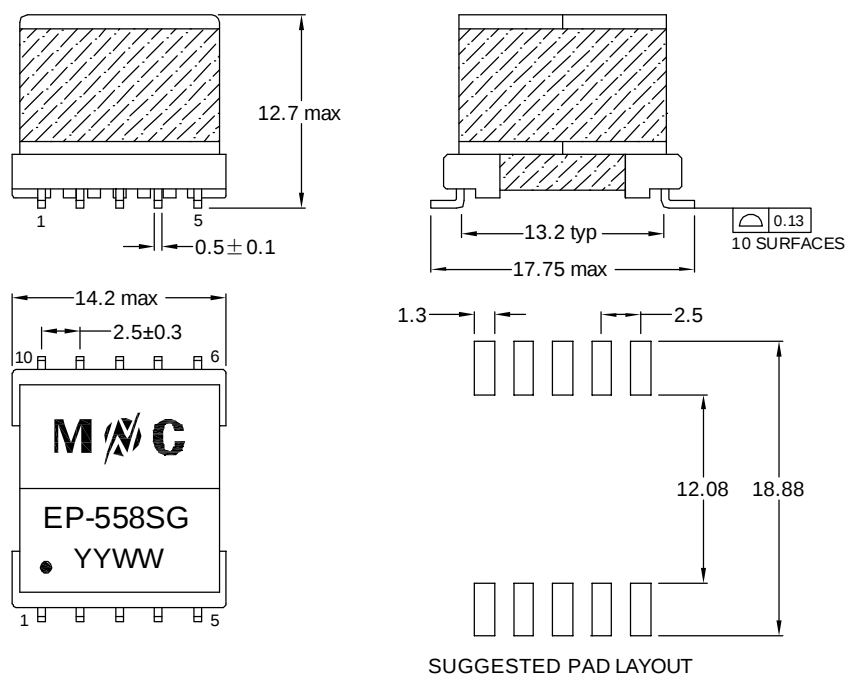
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

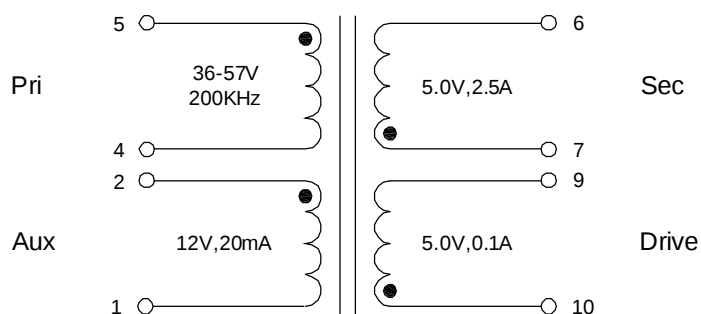
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,4-7,9)
				5-4	2-1	7-6	10-9	
EP-558SG	1:0.24:0.24:0.56	96	1.0 (short other pins)	170	190	21	50	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.12g/pcs

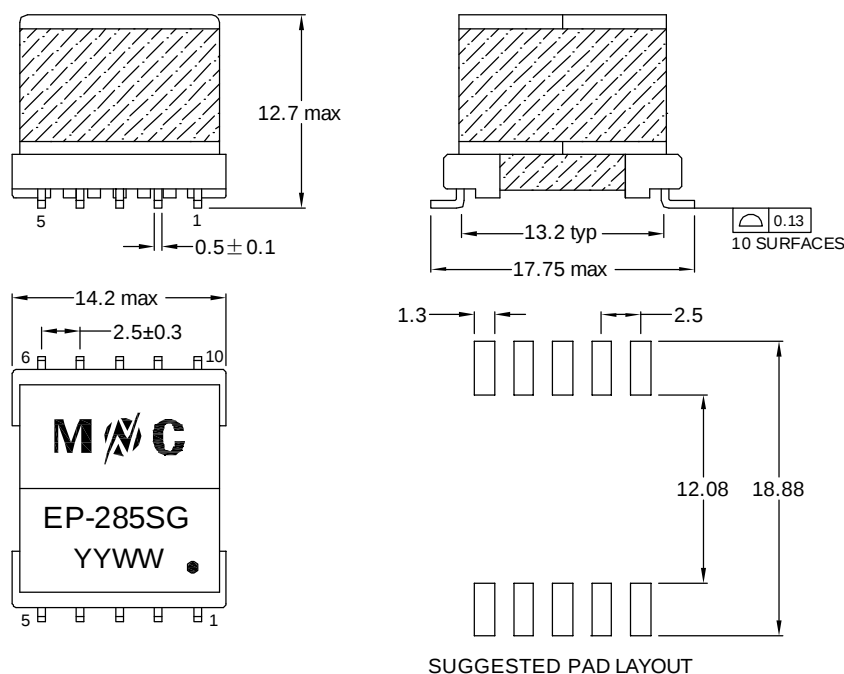
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

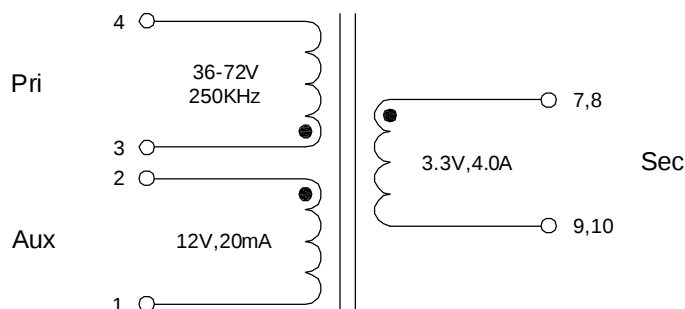
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-285SG	1:0.166:0.5	L _{0A} =127 L _{1.0A} ≥ 90%(L _{0A})	1.25	225	310	24	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



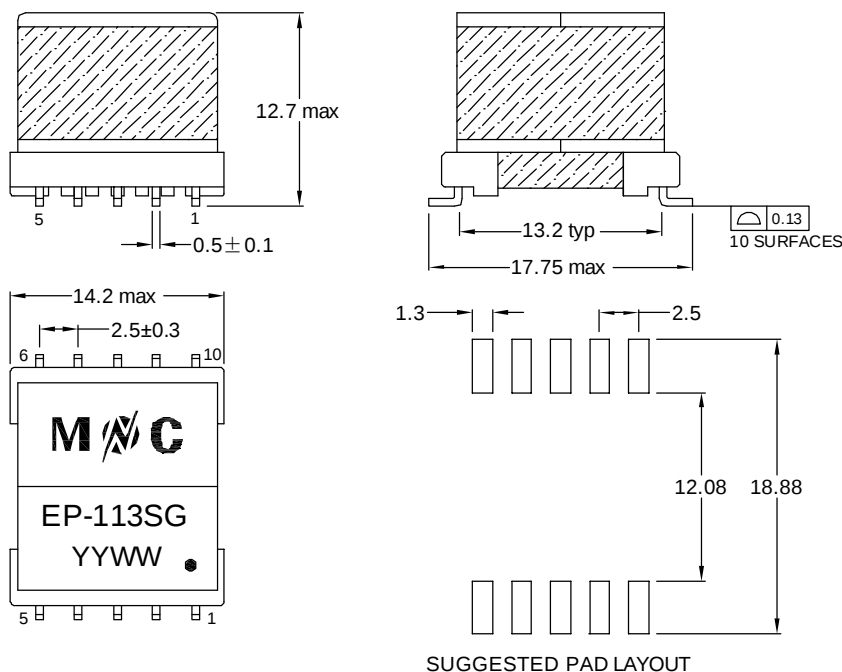
Tape&Reel Weigh 200pcs per reel
6.36g/pcs

- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



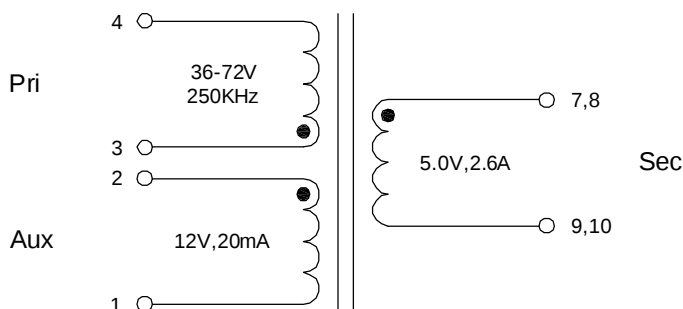
Electrical Specifications @25 °C							
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-113SG	1:0.25:0.5	L _{0A} =127 L _{1.0A} ≥ 90%(L _{0A})	0.95	222	348	39	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.50g/pcs

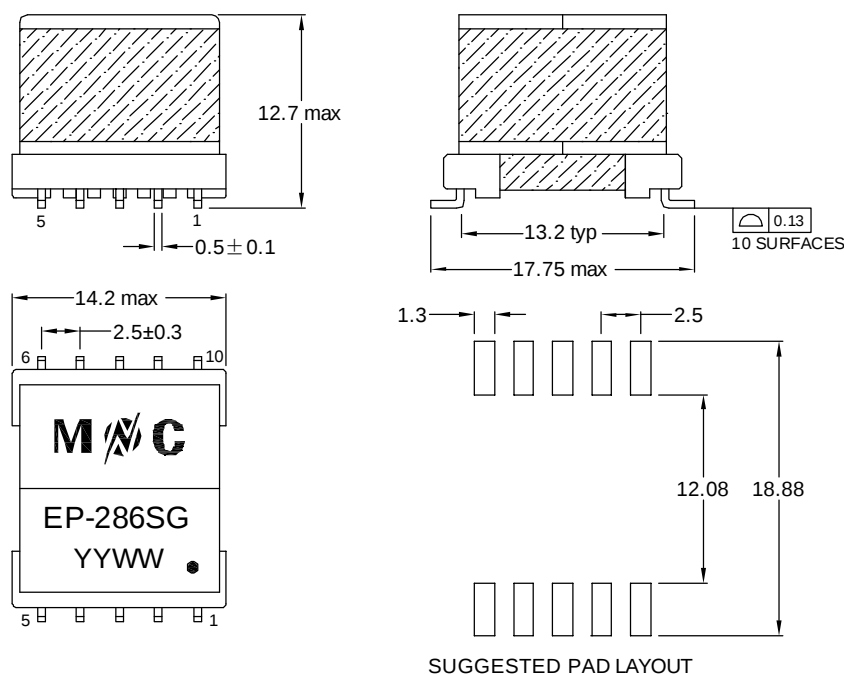
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

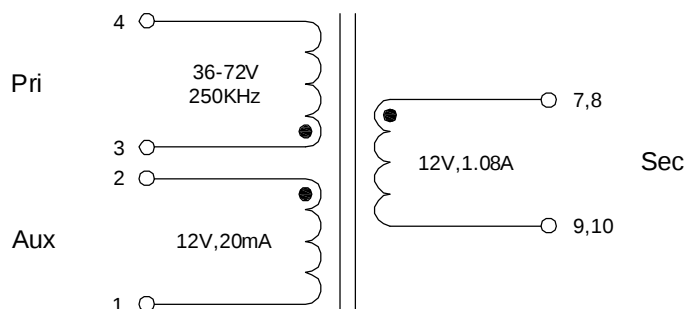
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-286SG	1:0.5:0.5	L _{0A} =127 L _{1.0A} ≥ 90%(L _{0A})	0.65	199	308	65	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.20g/pcs

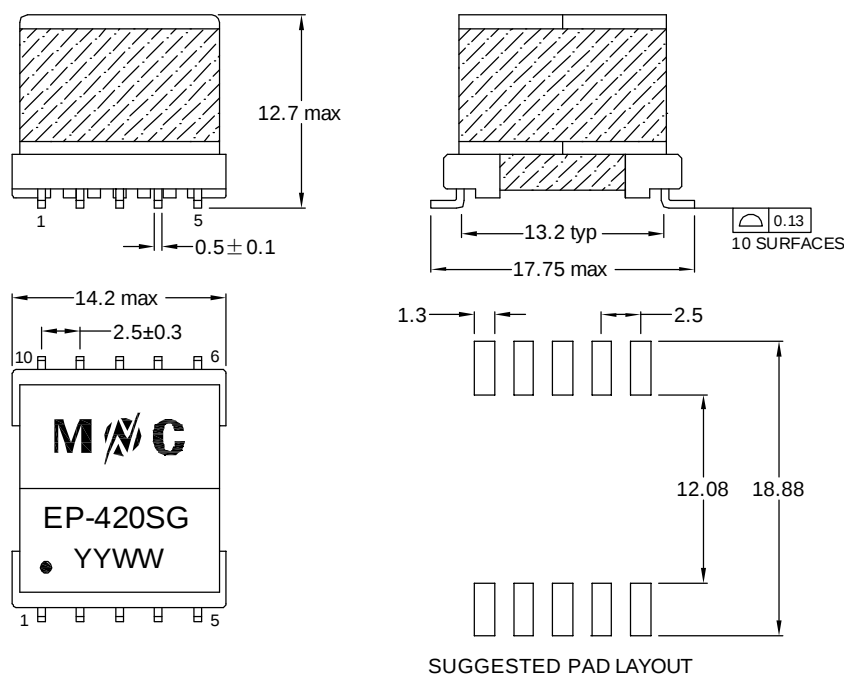
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

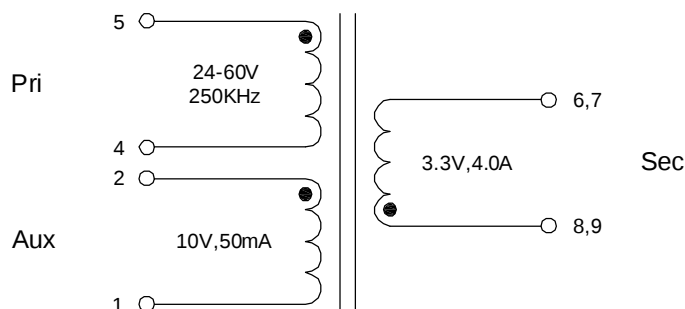
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.2V	LK(uH max) @200KHz,0.2V	DCR (mΩ max)			HI-POT (Vrms)
	5-4:8,9-6,7:2-1	5-4	5-4 (short other pins)	5-4	2-1	8,9-6,7	Pri/Aux-Sec
EP-420SG	1:0.166:0.5	L _{0A} =127 L _{1.0A} ≥ 90%(L _{0A})	1.25	225	310	12	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.35g/pcs

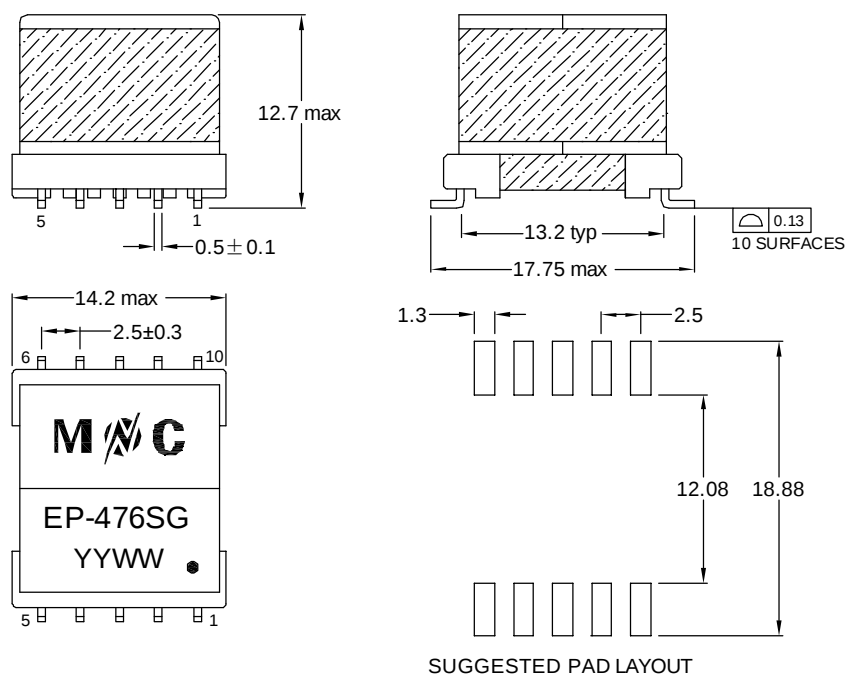
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

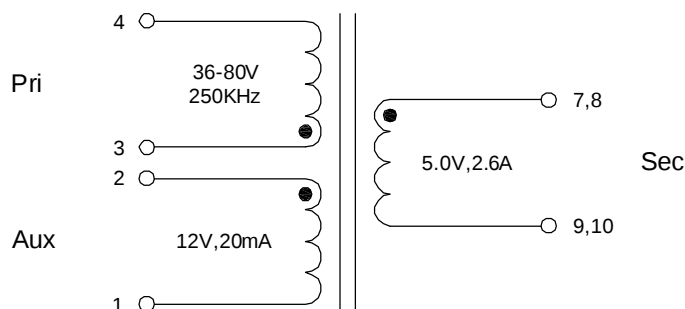
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.2V	LK(uH max) @200KHz,0.2V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-476SG	1:0.25:0.594	L _{0A} =127 L _{1.0A} ≥ 90%(L _{0A})	0.95	222	405	39	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.34g/pcs

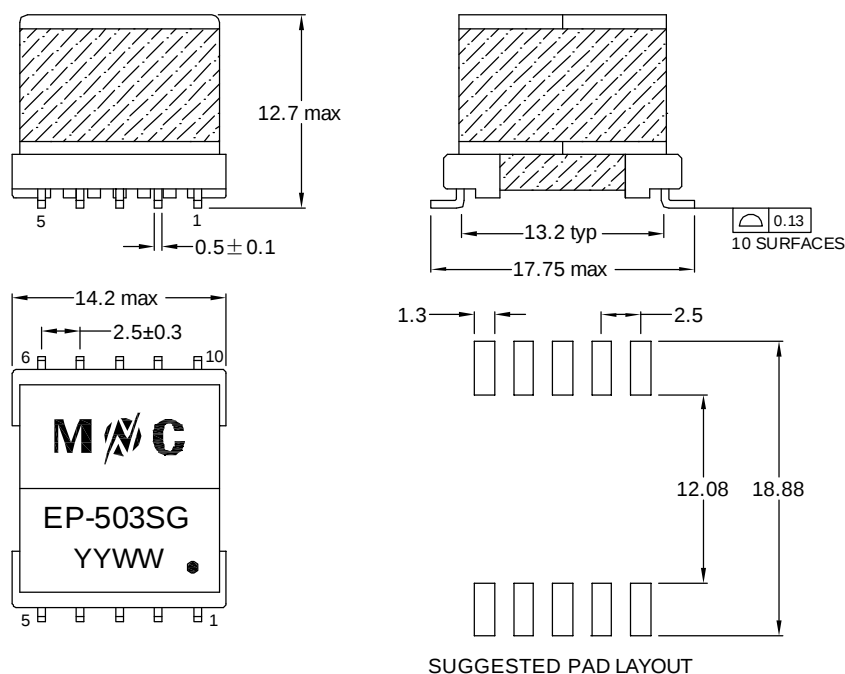
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

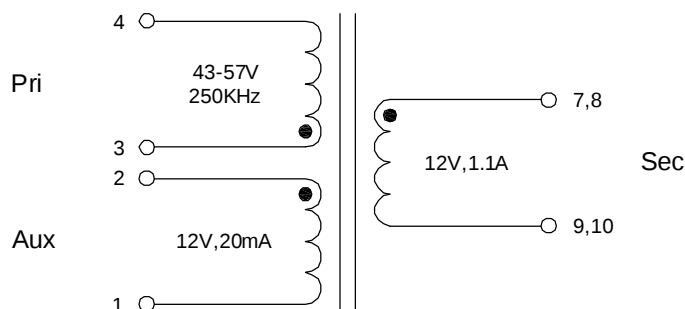
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-503SG	1:0.35:0.35	40	2.5	95	66	28	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.76g/pcs

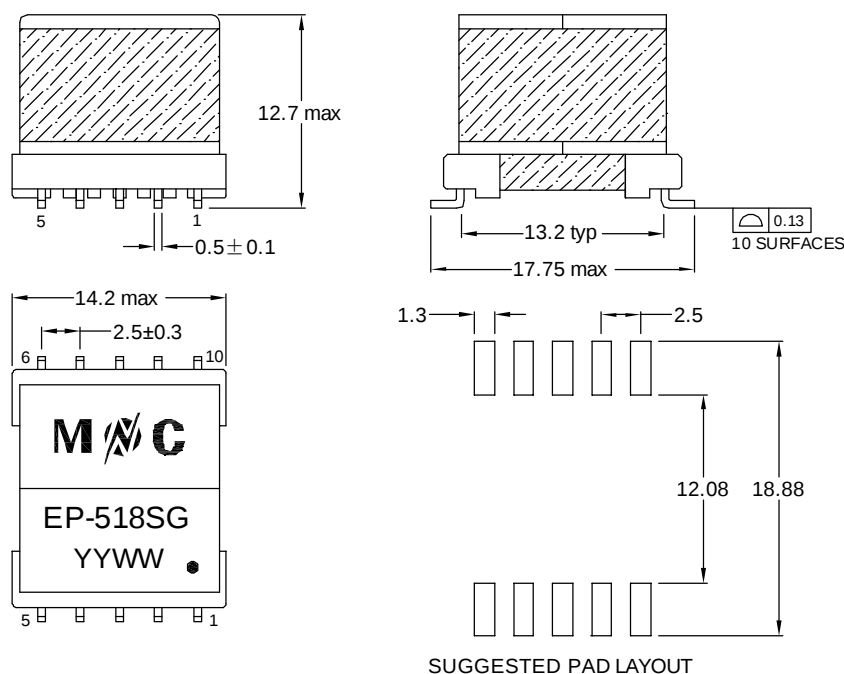
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

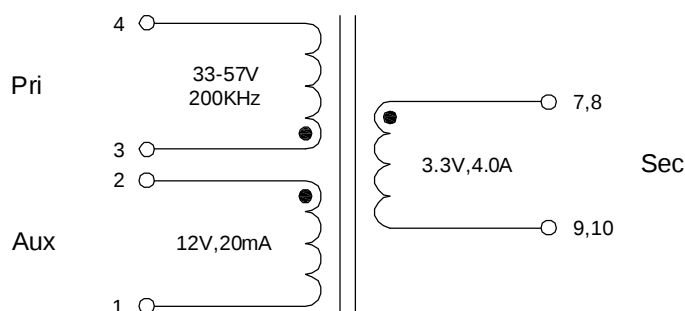
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-518SG	1:0.18:0.68	77.5	0.8	100	270	6.5	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.30g/pcs

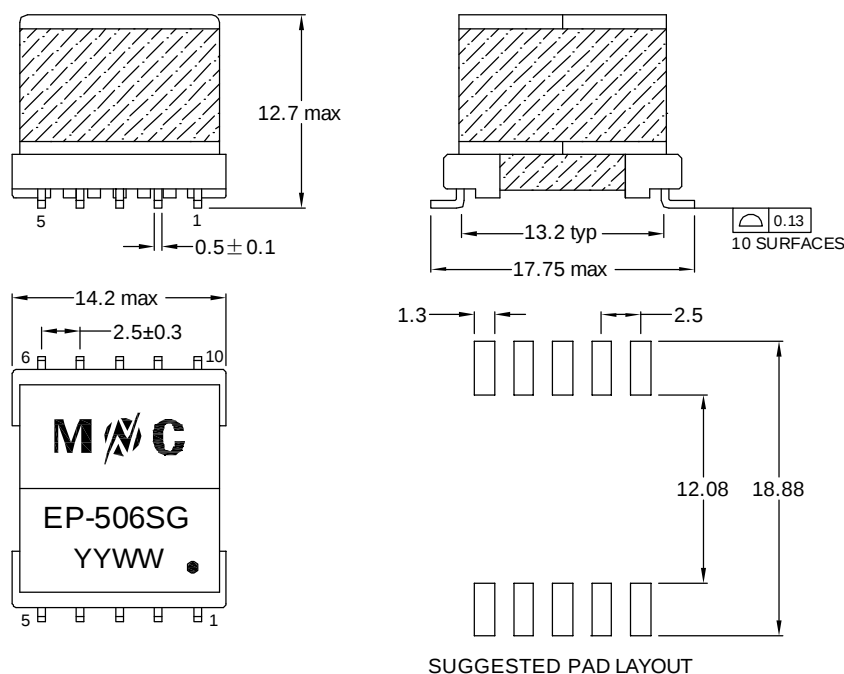
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

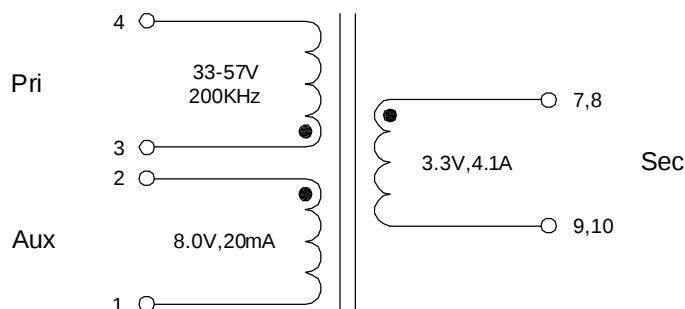
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-506SG	1:0.083:0.208	127	7.5	440	88	6	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
5.92g/pcs

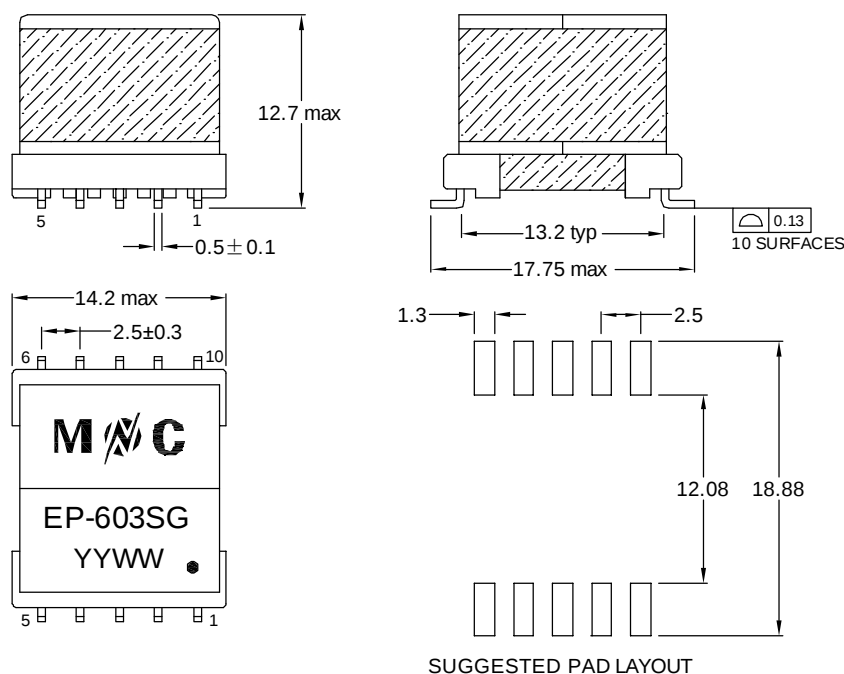
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

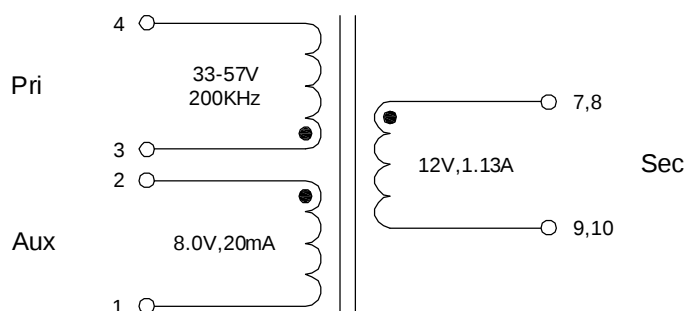
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-603SG	1:0.292:0.208	127	2.5	460	94	55	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.70g/pcs

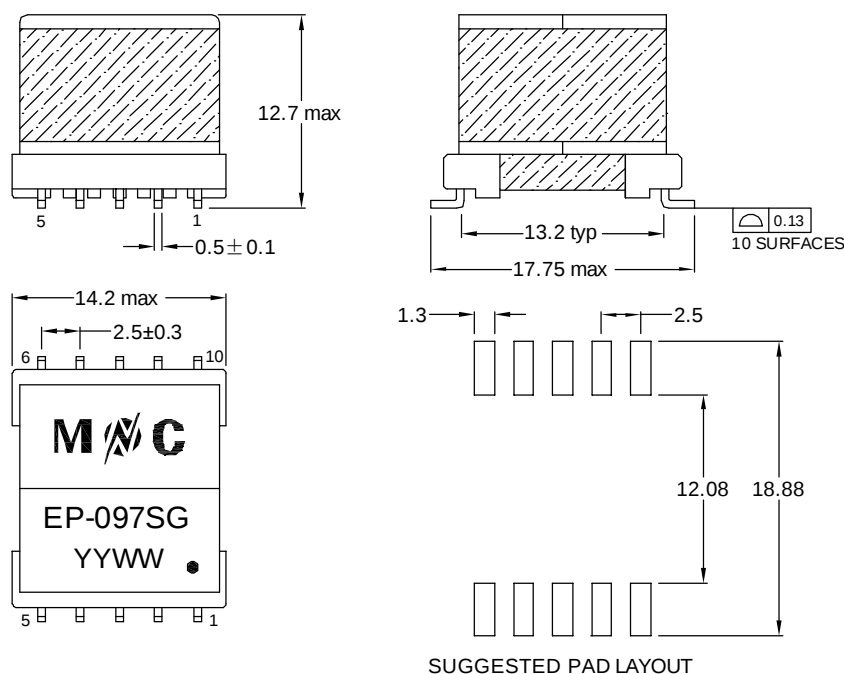
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

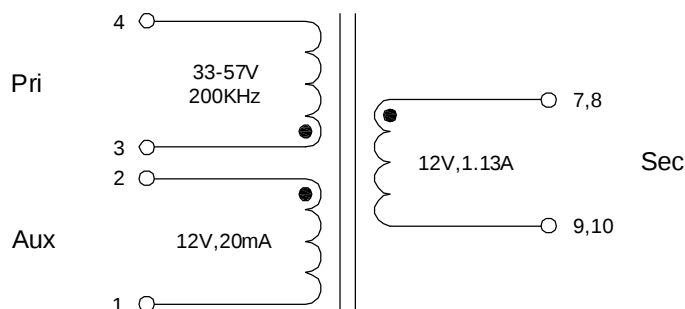
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-097SG	1:0.68:0.68	77.5	0.8	100	270	75	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.45g/pcs

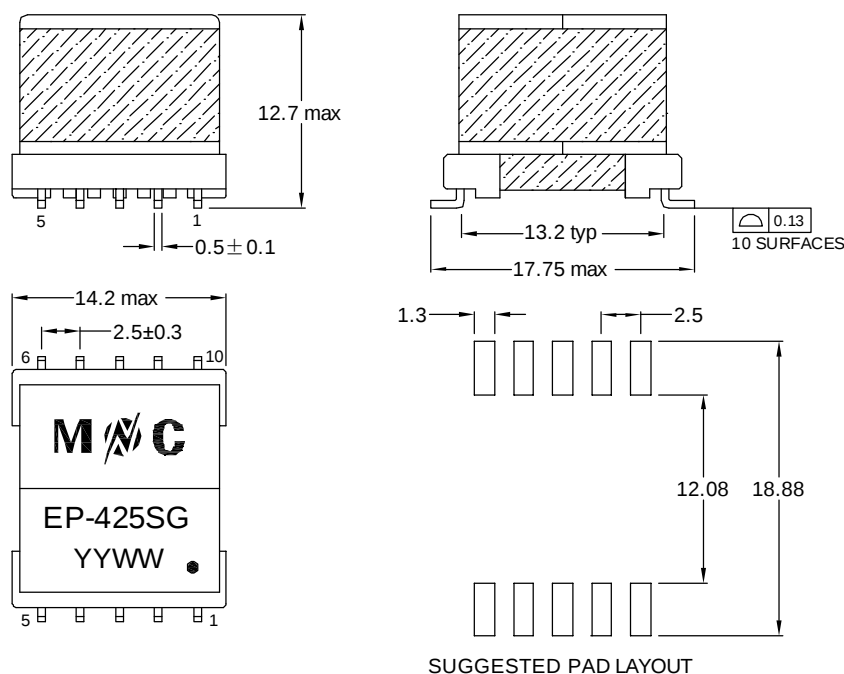
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

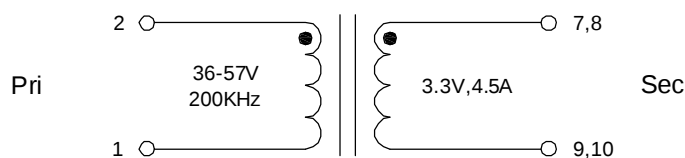
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.2V	LK(uH max) @200KHz,0.2V	DCR (mΩ max)		HI-POT (Vrms)
	2-1:7,8-9,10	2-1	2-1 (short other pins)	2-1	7,8-9,10	Pri-Sec
EP-425SG	1:0.3	L _{0A} =40 L _{2.0A} ≥ 90%(L _{0A})	0.7	100	25	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.70g/pcs

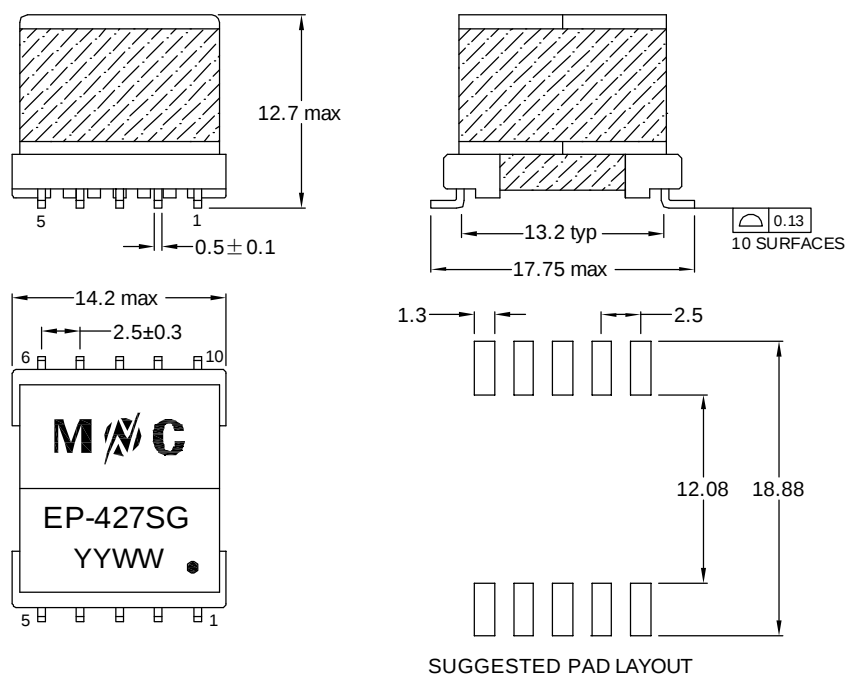
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

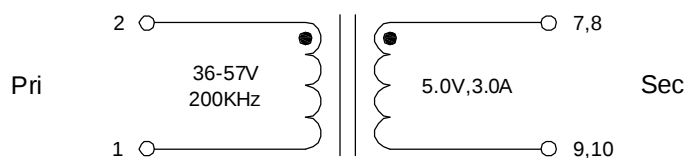
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.2V	LK(uH max) @200KHz,0.2V	DCR (mΩ max)		HI-POT (Vrms)
	2-1:7,8-9,10	2-1	2-1 (short other pins)	2-1	7,8-9,10	Pri-Sec
EP-427SG	1:0.4	L _{0A} =40 L _{2.0A} ≥ 90%(L _{0A})	0.65	108	40	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.5g/pcs

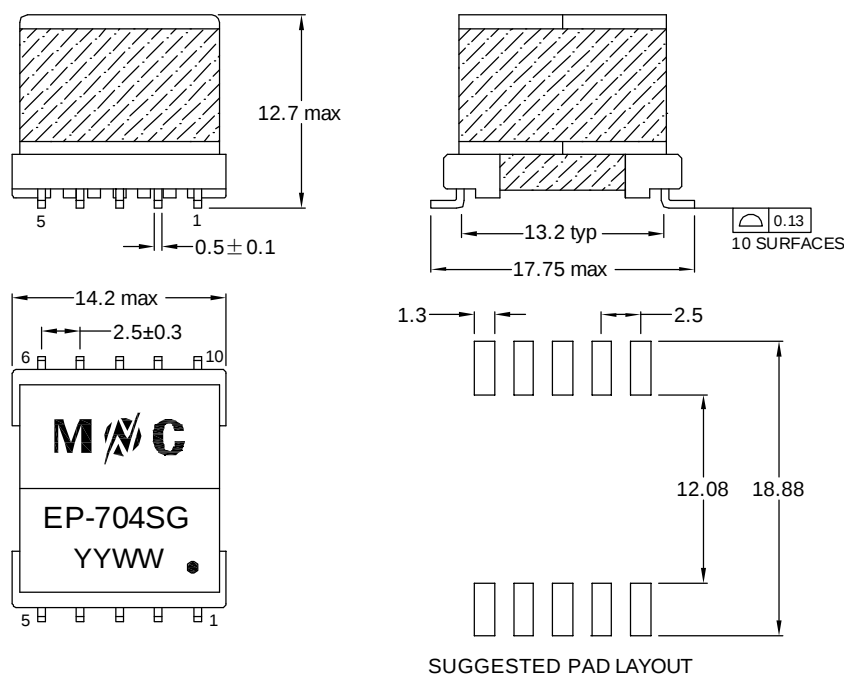
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

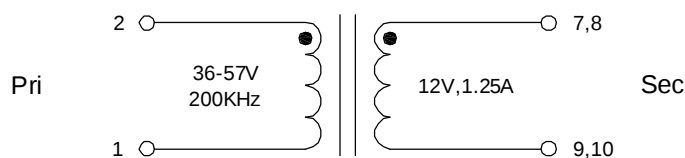
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)		HI-POT (Vrms)
	2-1:7,8-9,10	2-1	2-1 (short other pins)	2-1	7,8-9,10	Pri-Sec
EP-704SG	1:1	L _{0A} =40 L _{2,0A} ≥ 90%(L _{0A})	0.6	100	155	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.4g/pcs

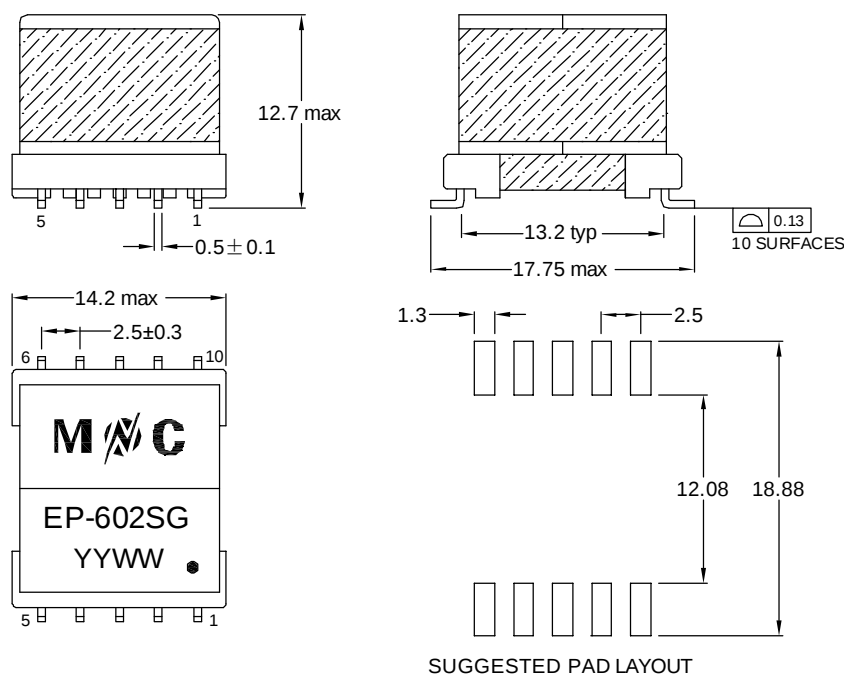
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

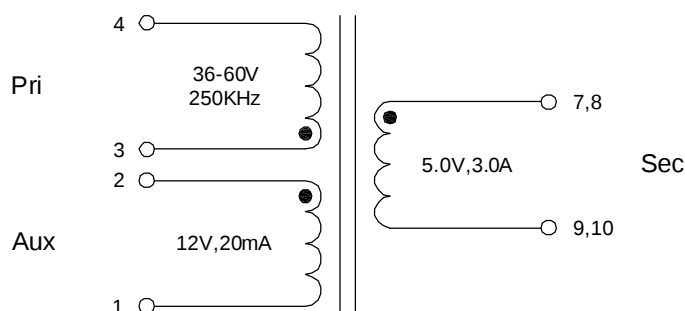
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-602SG	1:0.2:0.5	64	1.5	75	120	10	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.5g/pcs

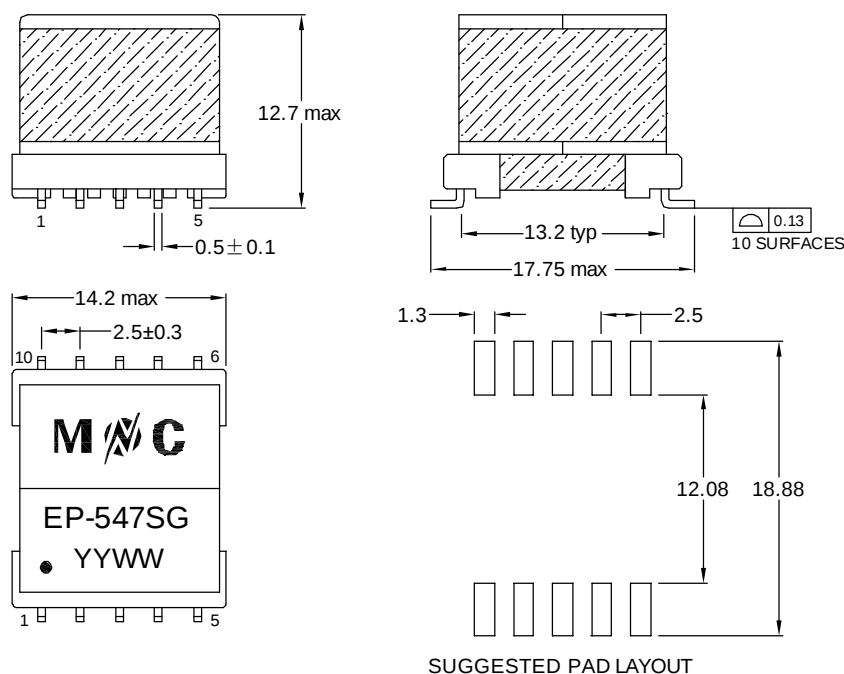
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

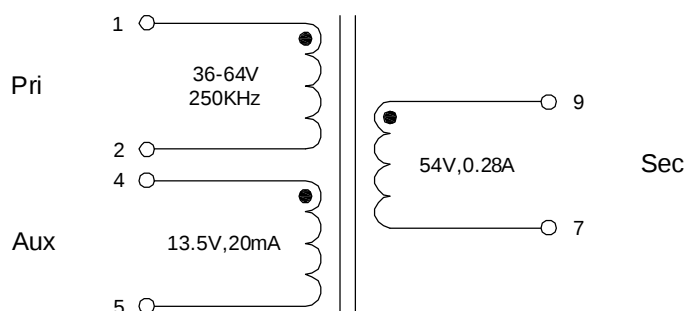
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1-2:9-7:4-5	1-2	1-2 (short other pins)	1-2	4-5	9-7	Pri/Aux-Sec
EP-547SG	1:1.333:0.333	32.4	1.0	120	200	260	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.3g/pcs

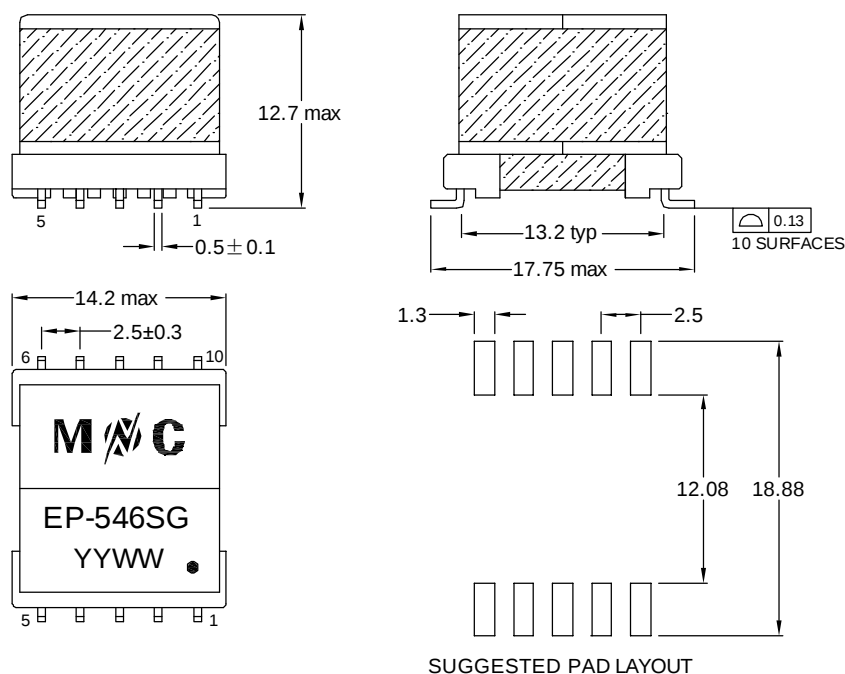
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

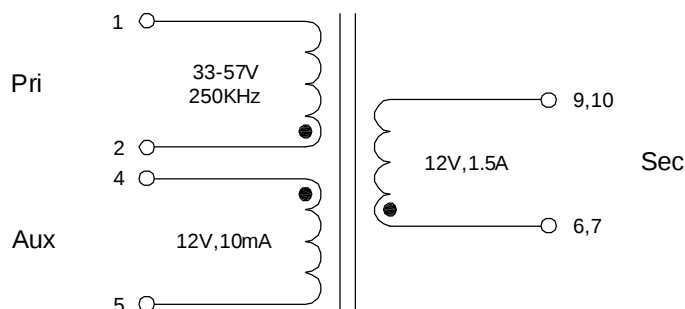
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	2-1:6,7-9,10:4-5	2-1	2-1 (short other pins)	2-1	4-5	6,7-9,10	Pri/Aux-Sec
EP-546SG	1:0.333:0.333	100.5	0.9	110	200	25	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.80g/pcs

IEC60950 Compatible.

RoHS Compliant.

Surface Mount Device.

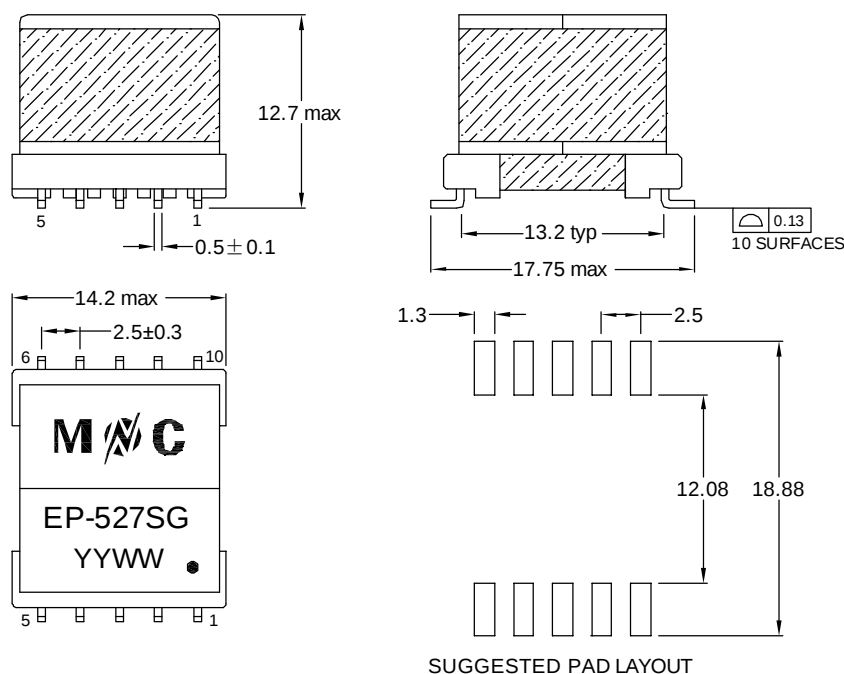
Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

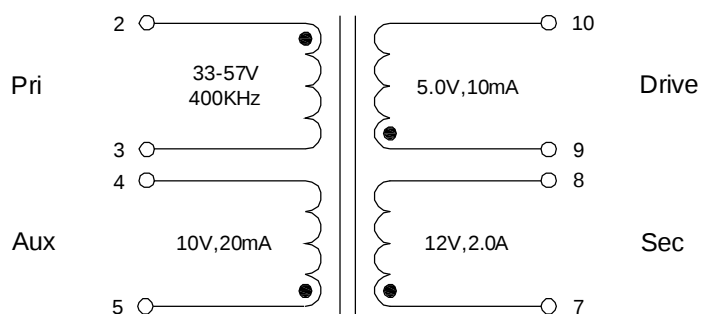
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @10KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,4-7,9)
	2-3:7-8:9-10:5-4	2-3	2-3 (short other pins)	2-3	5-4	7-8	9-10	
EP-527SG	1:0.312:0.125:0.25	L _{0A} =90 L _{1.9A} ≥ 80%(L _{0A})	2.0	300	120	27	40	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 200pcs per reel 6.60g/pcs

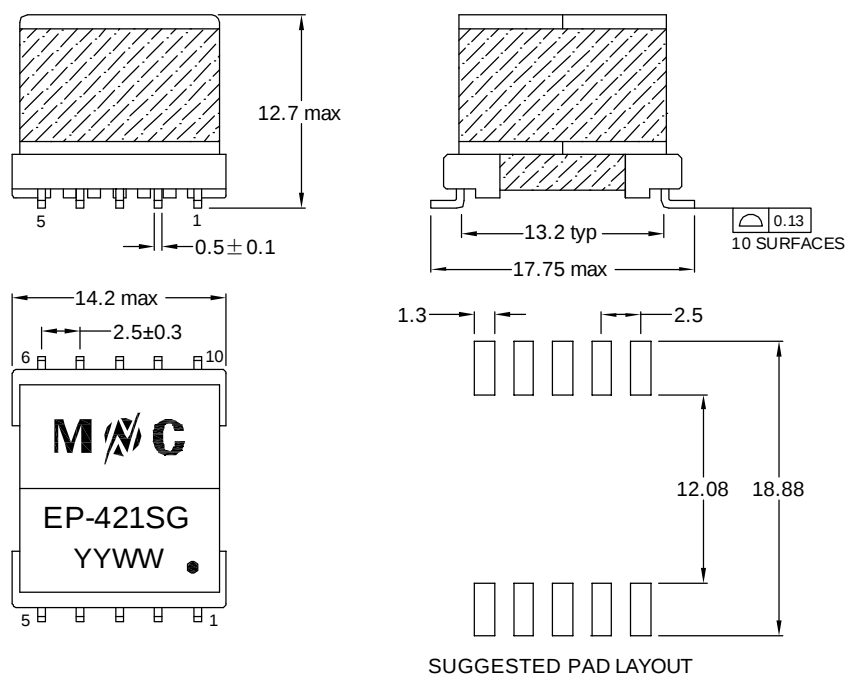
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

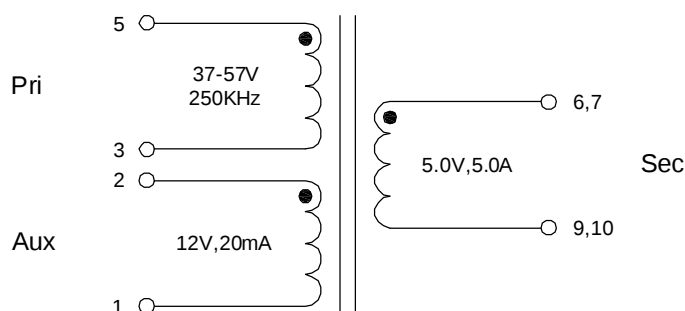
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	5-3:6,7-9,10:2-1	5-3	5-3 (short other pins)	5-3	2-1	6,7-9,10	Pri/Aux-Sec
EP-421SG	1:0.2:0.5	37	1.0	89	84	6.2	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.87g/pcs

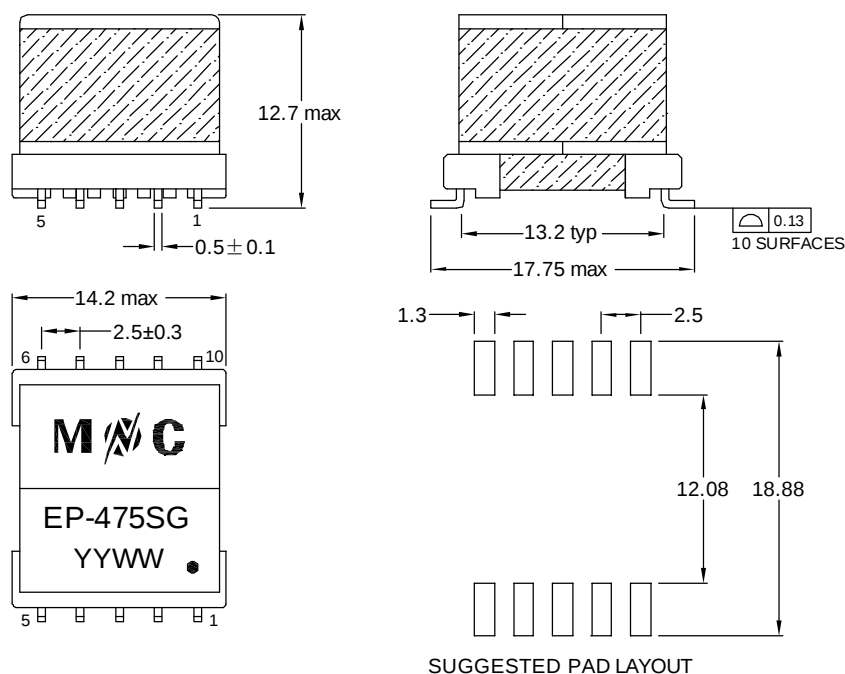
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

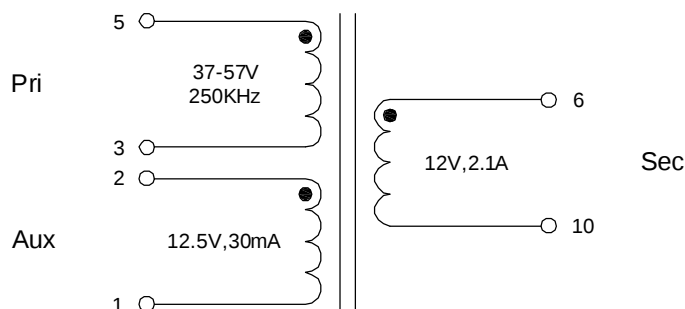
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	5-3:6-10:2-1	5-3	5-3 (short other pins)	5-3	2-1	6-10	Pri/Aux-Sec
EP-475SG	1:0.5:0.55	L _{0A} =38 L _{3.5A} ≥ 80%(L _{0A})	0.5	95	170	28	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.46g/pcs

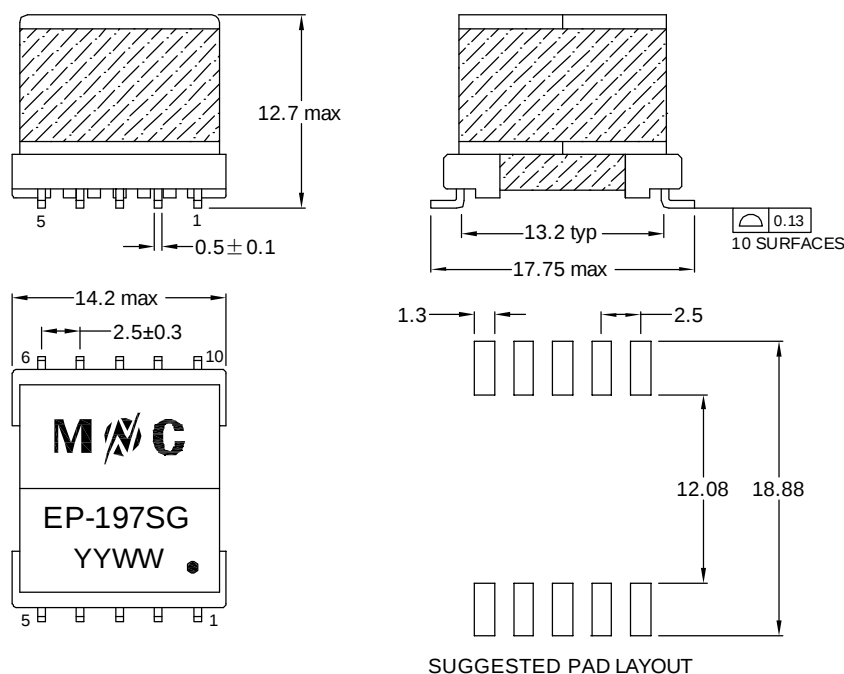
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

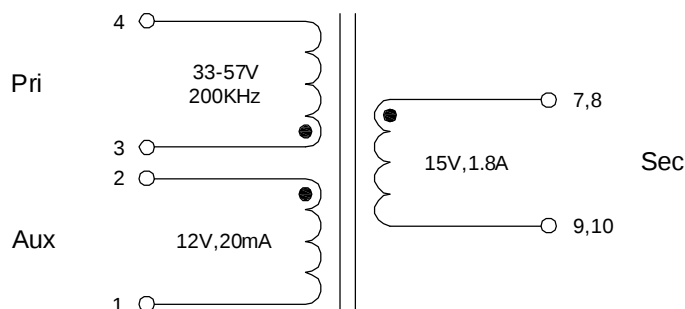
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3-4:7,8-9,10:2-1	3-4	3-4 (short other pins)	3-4	2-1	7,8-9,10	Pri/Aux-Sec
EP-197SG	1:0.47:0.294	29	1.0	58	55	27	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.75g/pcs

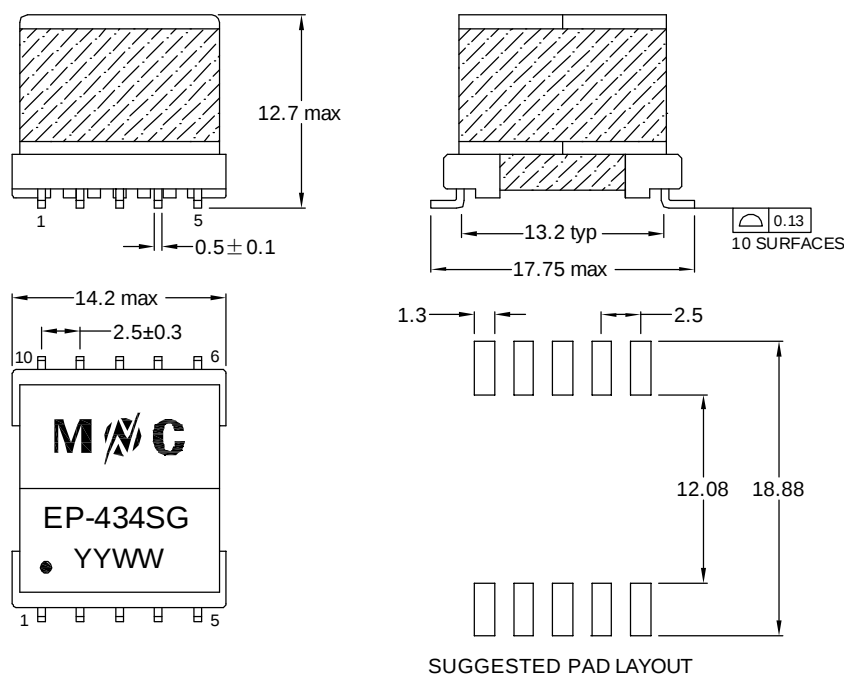
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

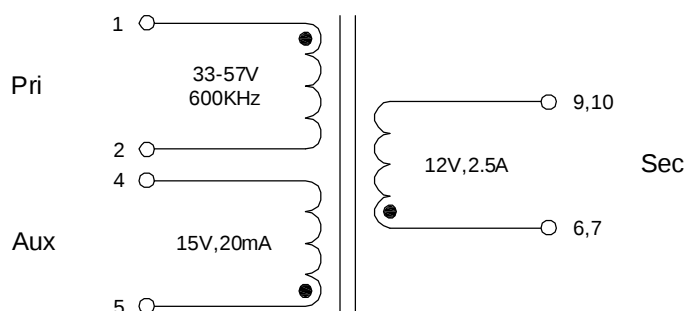
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1-2:6,7-9,10:5-4	1-2	1-2 (short other pins)	1-2	5-4	6,7-9,10	Pri/Aux-Sec
EP-434SG	1:0.5:0.585	17.3	0.6	41	160	11	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.60g/pcs

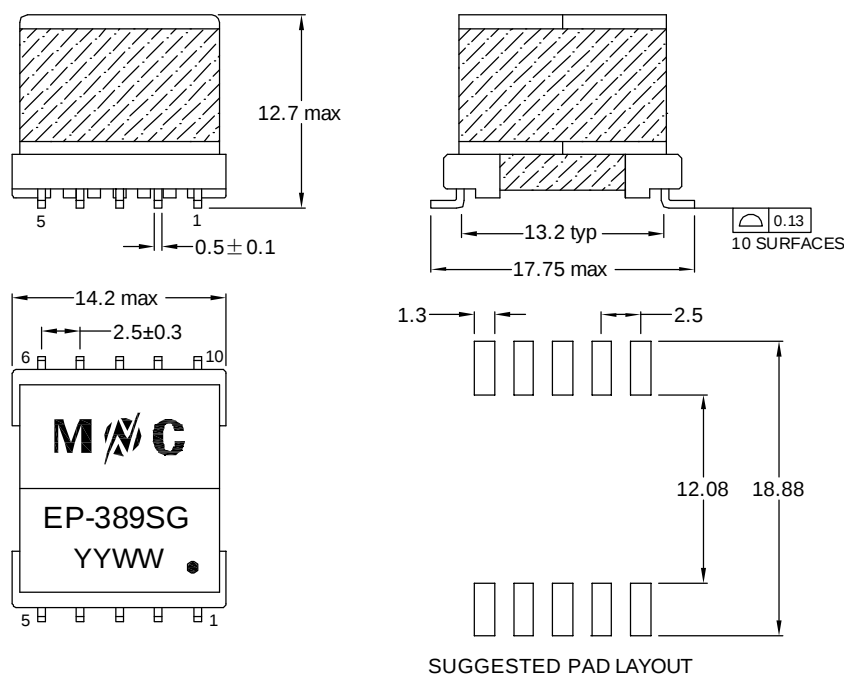
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

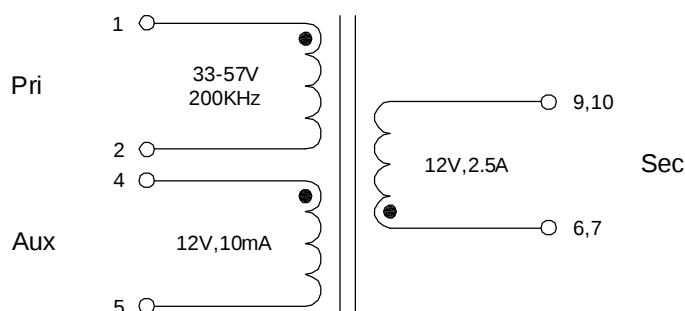
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.2V	LK(uH max) @100KHz,0.2V	DCR (mΩ max)			HI-POT (Vrms)
	1-2:6,7-9,10:4-5	1-2	1-2 (short other pins)	1-2	4-5	6,7-9,10	Pri/Aux-Sec
EP-389SG	1:0.565:0.52	100.5	0.9	110	561	40	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 200pcs per reel
6.30g/pcs

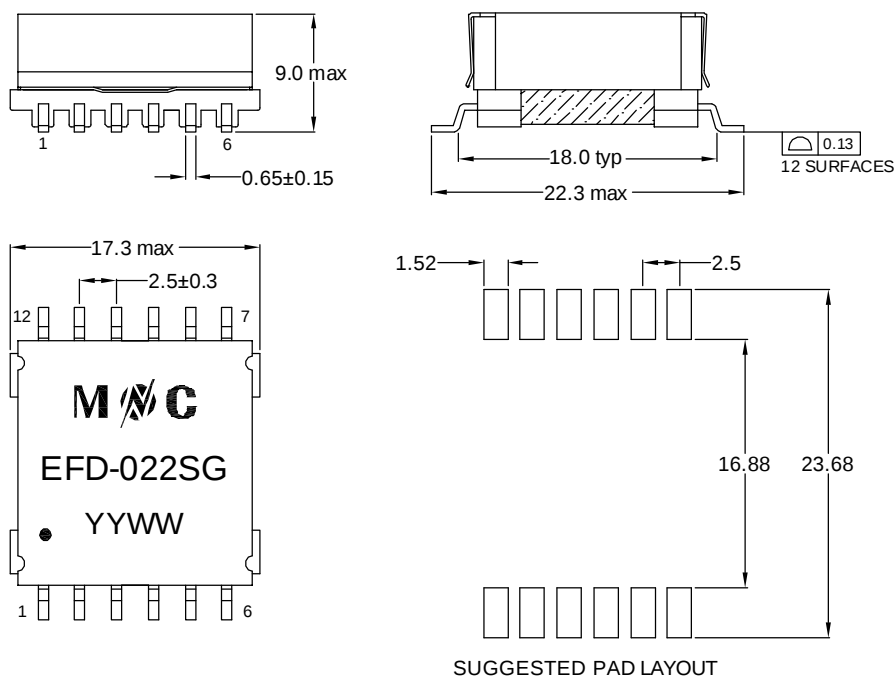
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

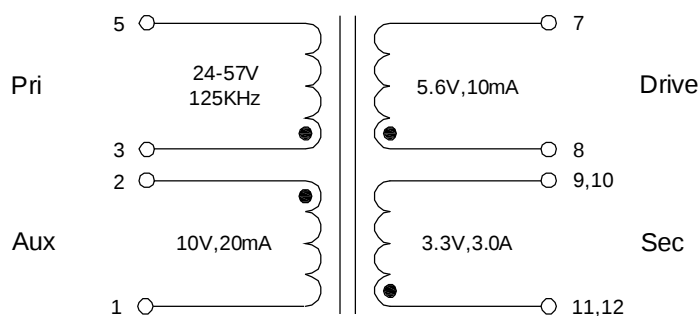
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V		DCR (mΩ max)				HI-POT (Vrms) pin (2,3-8,9,10)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	8-7 (short other pins)	3-5	2-1	8-7	11,12-9,10	
EFD-022SG	1:0.154:0.5:0.27	L _{0A} =166.5 L _{1,2A} ≥ 90%(L _{0A})	2.5	0.45	735	985	510	23	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 250pcs per reel 5.68g/pcs

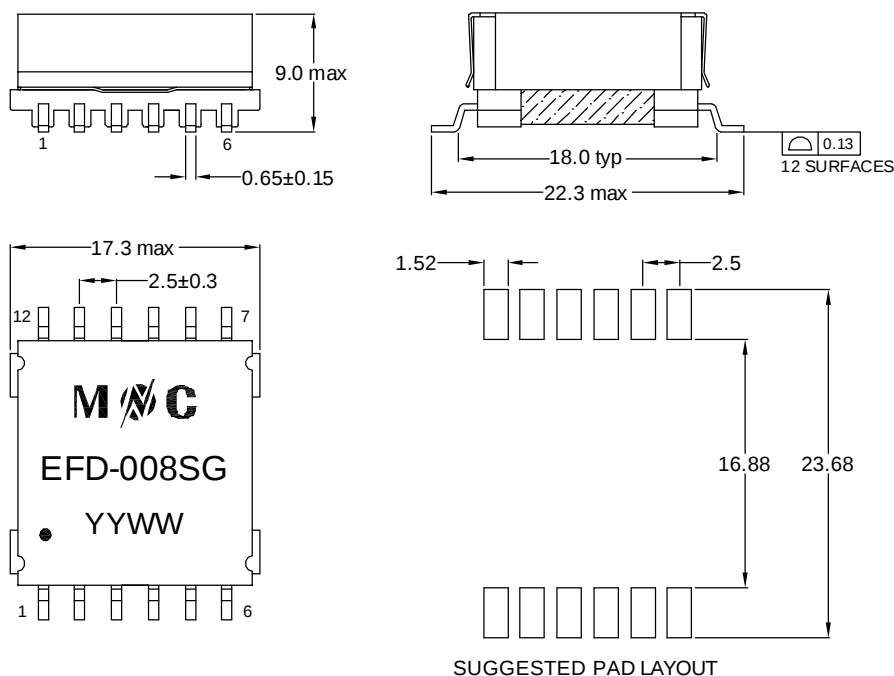
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

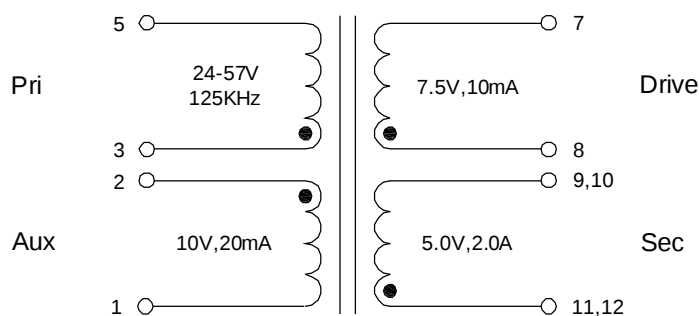
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V		DCR (mΩ max)				HI-POT (Vrms) pin (2,3-8,9,10)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	8-7 (short other pins)	3-5	2-1	8-7	11,12-9,10	
EFD-008SG	1:0.25:0.44:0.31	L _{0A} =150 L _{1,2A} ≥ 90%(L _{0A})	1.9	0.4	520	880	560	28	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh 250pcs per reel
5.76g/pcs

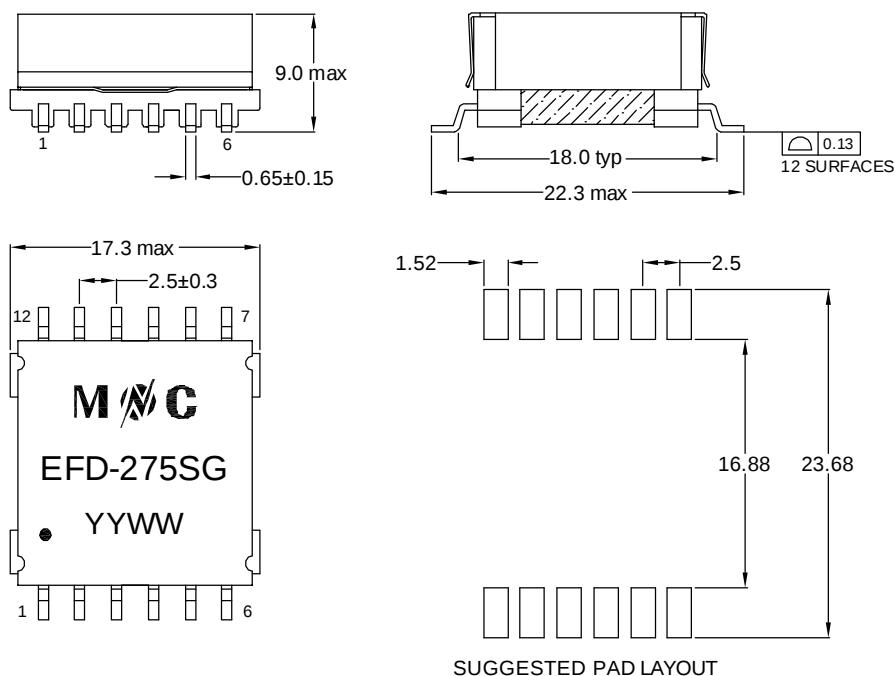
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

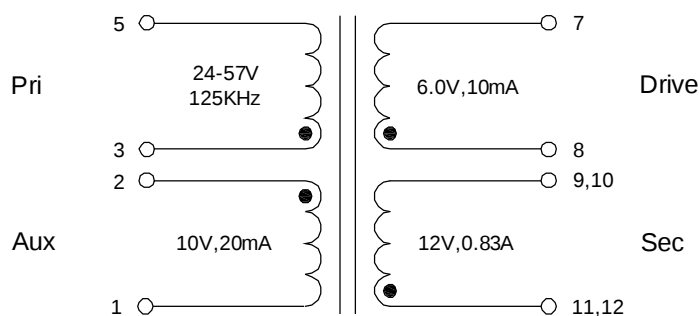
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V		DCR (mΩ max)				HI-POT (Vrms) pin (2,3-8,9,10)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	8-7 (short other pins)	3-5	2-1	8-7	11,12-9,10	
EFD-275SG	1:0.5:0.5:0.25	L _{0A} =166.5 L _{1,2A} ≥ 90%(L _{0A})	1.8	0.3	760	1100	475	103	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 250pcs per reel
5.85g/pcs

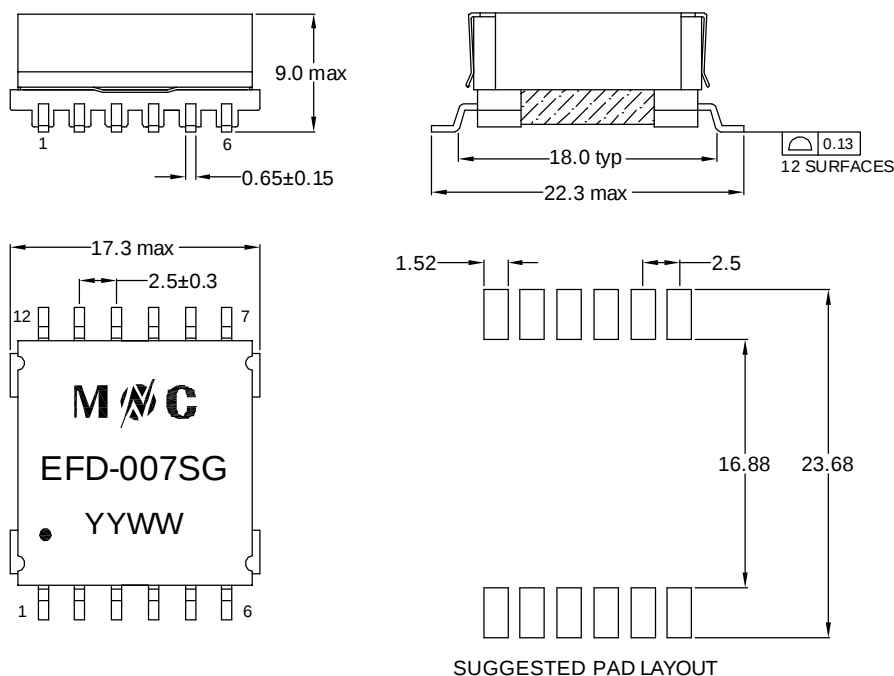
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

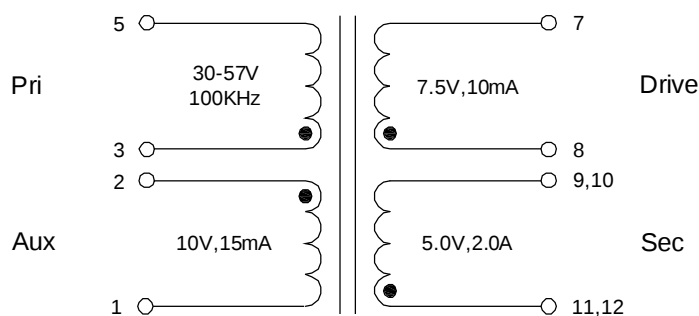
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3-8,9,10)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	3-5	2-1	8-7	11,12-9,10	
EFD-007SG	1:0.2:0.44:0.3	157.5	2.0	500	1300	760	25	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 250pcs per reel
5.71g/pcs

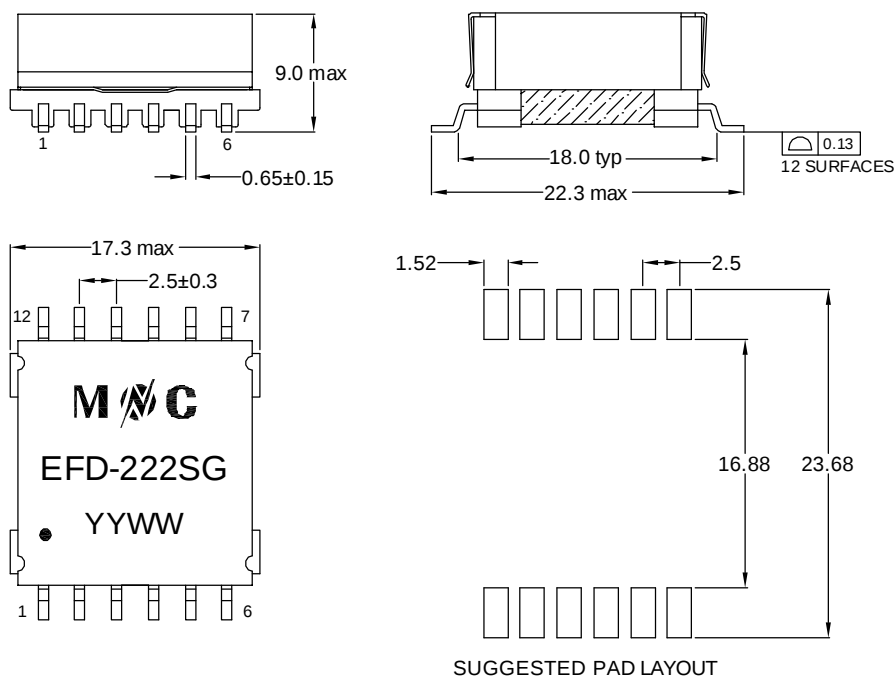
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

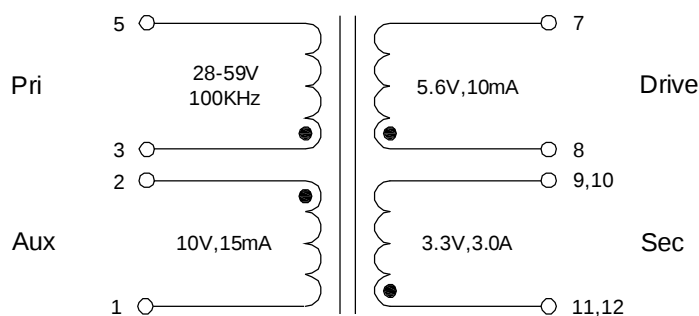
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	3-5	2-1	8-7	11,12-9,10	pin (2,3-8,9,10)
EFD-222SG	1:0.23:0.54:0.27	L _{0A} =170 L _{1.2A} ≥ 85%(L _{0A})	3.0	600	2000	720	50	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
6.30g/pcs

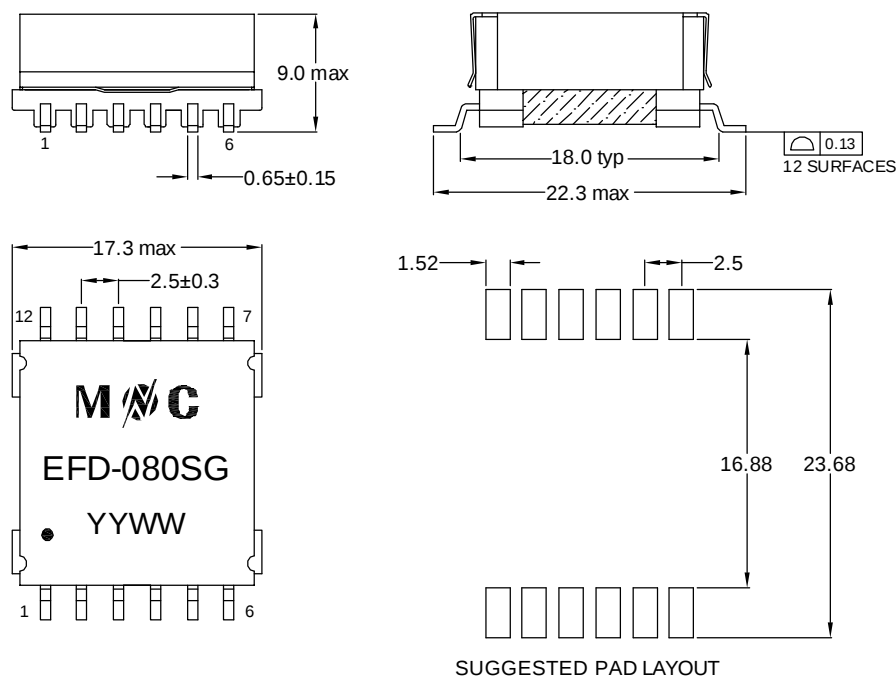
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

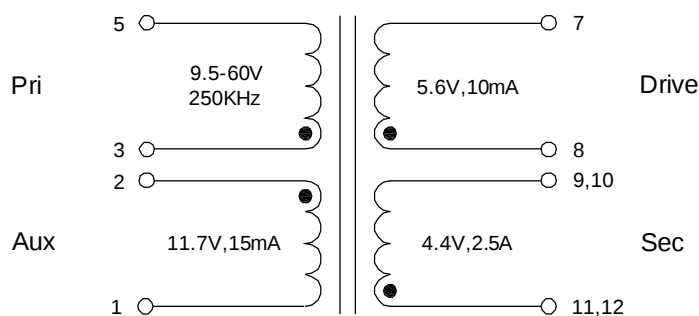
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	3-5	2-1	8-7	11,12-9,10	pin (2,3-8,9,10)
EFD-080SG	1:0.25:0.688:0.313	L _{0A} =60 L _{2,2A} ≥ 90%(L _{0A})	0.8	190	320	135	12	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
6.3g/pcs

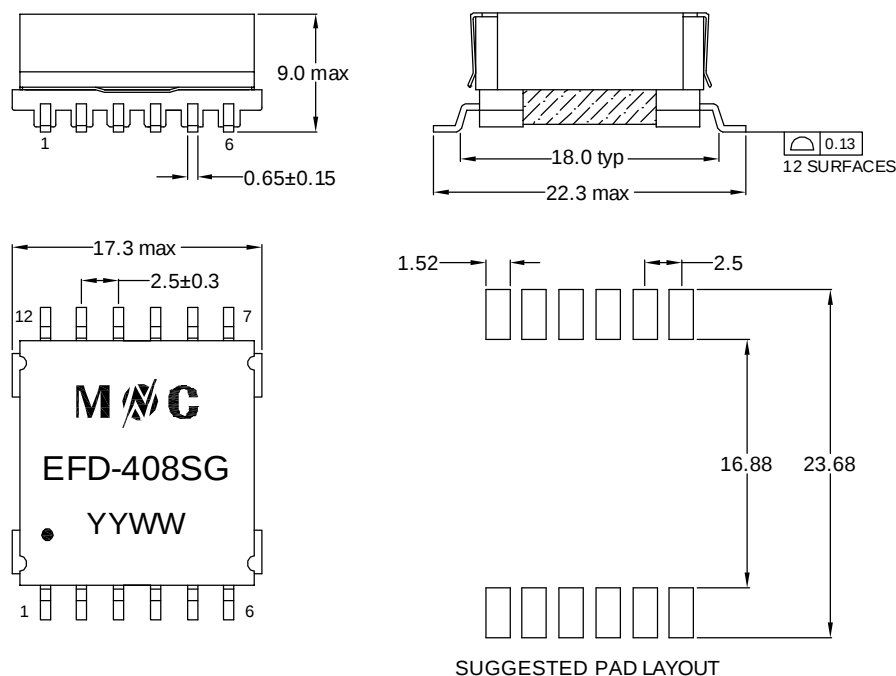
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

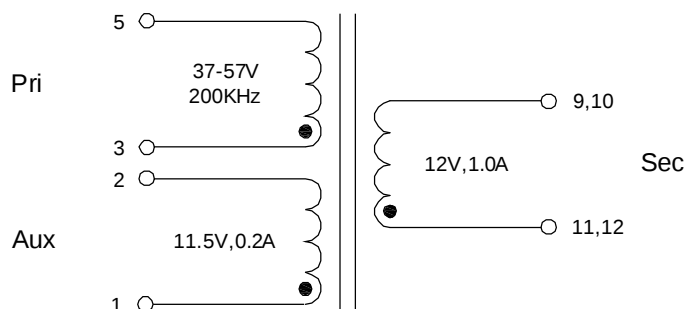
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (DC)
	3-5:11,12-9,10:1-2	3-5	3-5 (short other pins)	3-5	2-1	11,12-9,10	Pri/Aux-Sec
EFD-408SG	1:0.5:0.48	170	4.0	900	800	300	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 5.61g/pcs

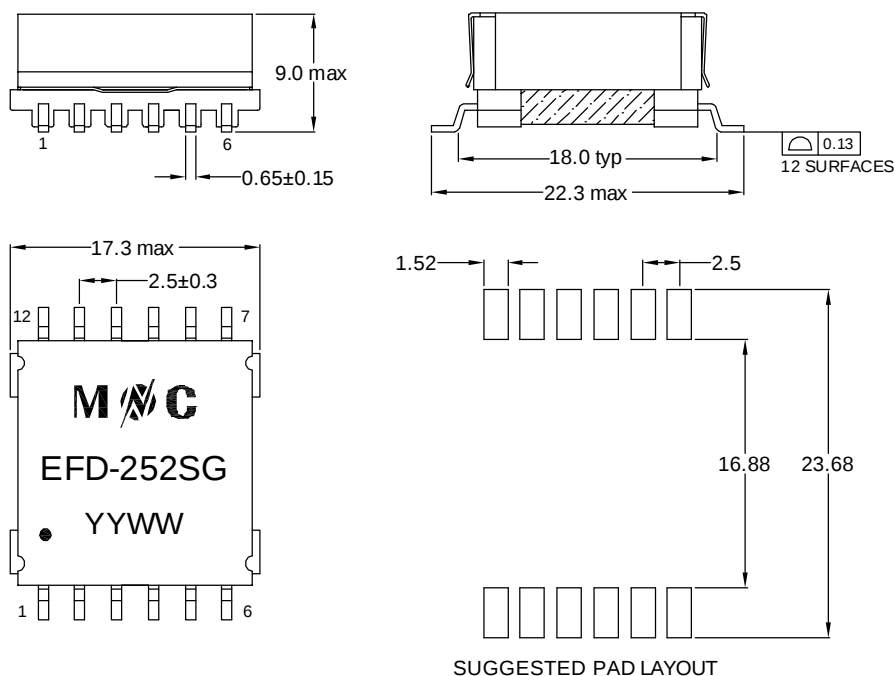
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

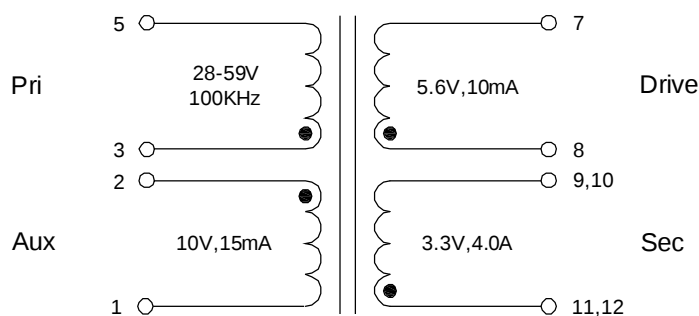
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC)
	3-5:11,12-9,10:2-1:8-7	3-5	3-5 (short other pins)	3-5	2-1	8-7	11,12-9,10	pin (2,3-8,9,10)
EFD-252SG	1:0.154:0.5:0.27	L _{0A} =170 L _{1.2A} ≥ 85%(L _{0A})	3.0	600	2000	720	25	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
6.00g/pcs

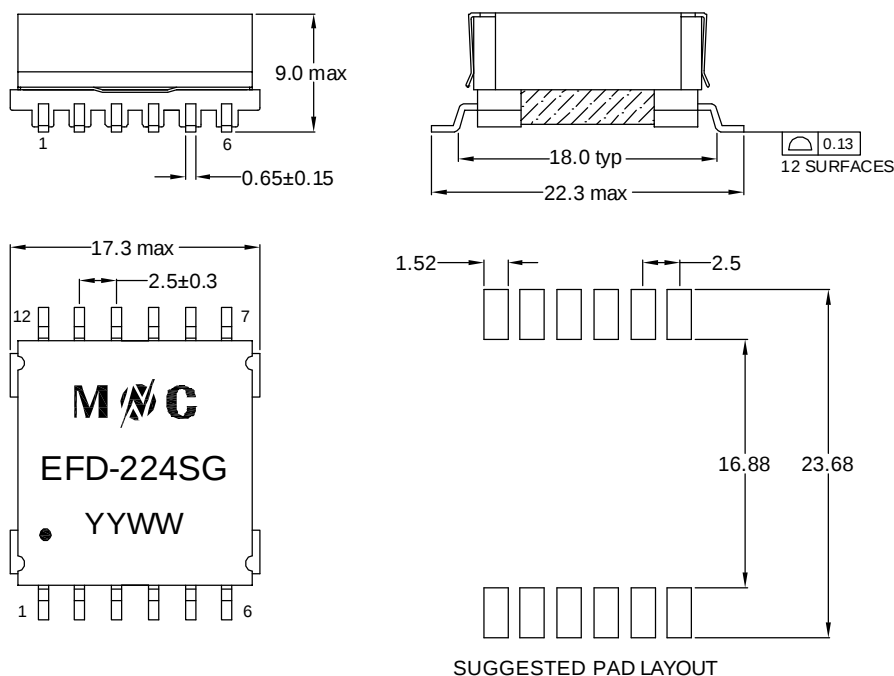
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

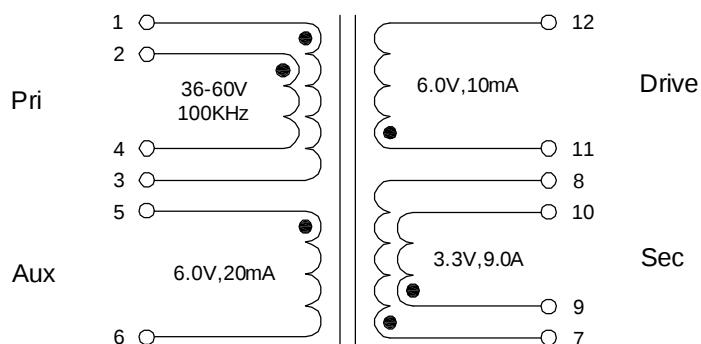
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC)
	3,4-1,2:7,9-8,10:5-6:11-12	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	7,9-8,10	11-12	pin (1,2,5-7,9,11)
EFD-224SG	1:0.2:0.24:0.24	L _{0A} =62.4 L _{1.0A} ≥ 80%(L _{0A})	1.0	150	260	20	260	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
5.60g/pcs

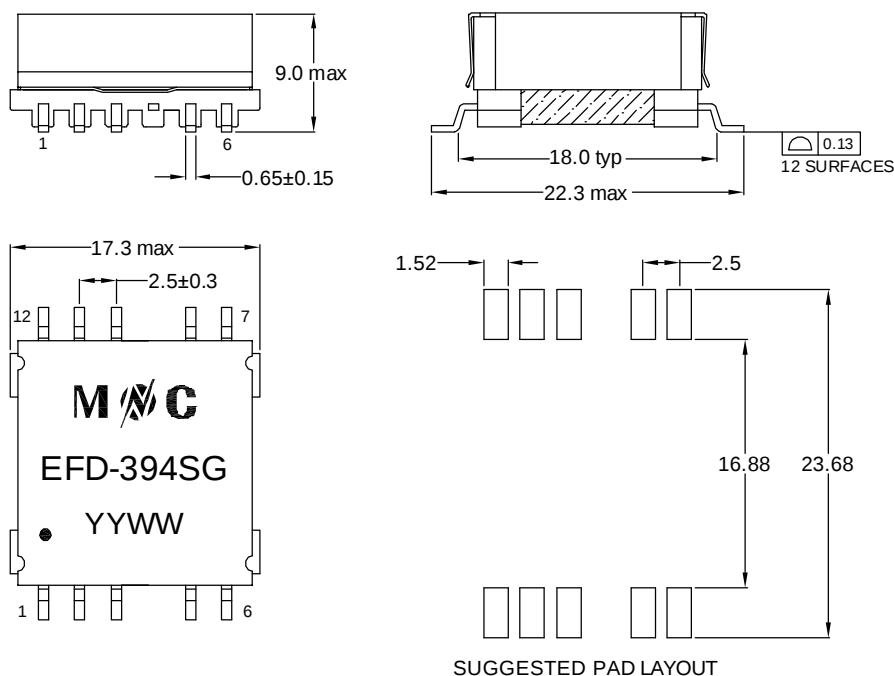
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

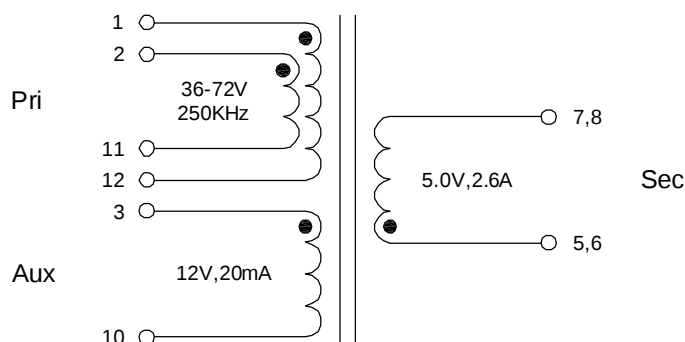
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (DC)
	1,2-11,12:5,6-7,8:3-10	1,2-11,12	1,2-11,12 (short other pins)	1,2-11,12	3-10	5,6-7,8	Pri/Aux-Sec
EFD-394SG	1:0.15:0.35	L _{0A} =40 L _{2,1A} ≥ 90%(L _{0A})	1.9	130	165	9.0	1500

SCHEMATICS



Cut off: pin4,9
Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh 250pcs per reel
6.10g/pcs

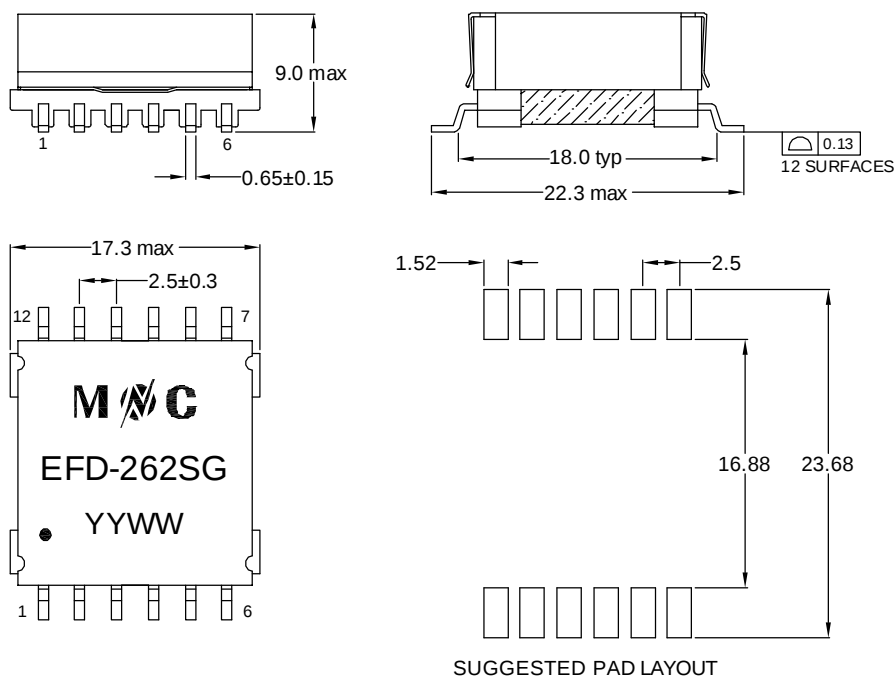
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

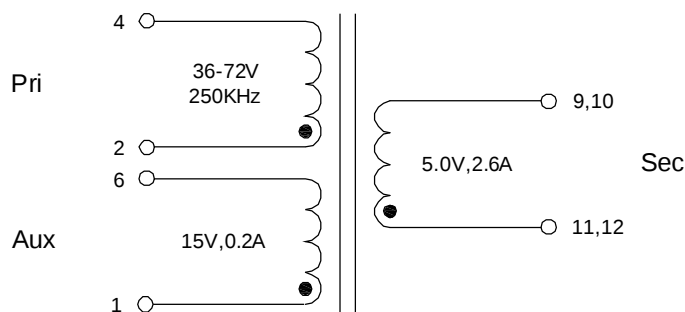
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (DC)
	2-4:11,12-9,10:1-6	2-4	2-4 (short other pins)	2-4	1-6	11,12-9,10	Pri/Aux-Sec
EFD-262SG	1:0.12:0.47	L _{0A} =94 L _{1.2A} ≥ 90%(L _{0A})	3.9	210	453	10	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
6.08g/pcs

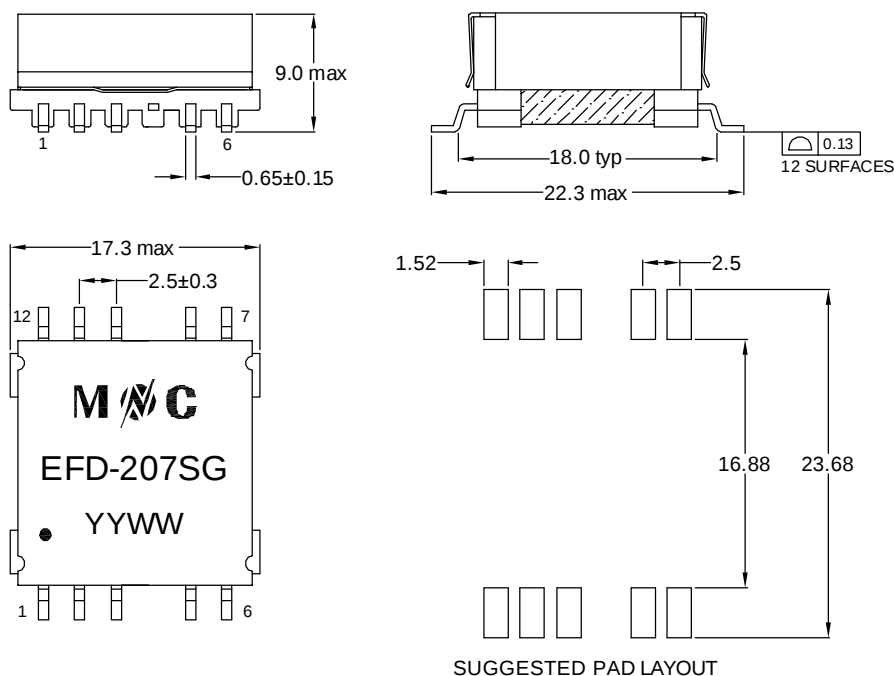
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (DC)
	1,2-11,12:5,6-7,8:3-10	1,2-11,12	1,2-11,12 (short other pins)	1,2-11,12	3-10	5,6-7,8	Pri/Aux-Sec
EFD-207SG	1:1.1:1.363	9.0	1.0	35	300	35	1500

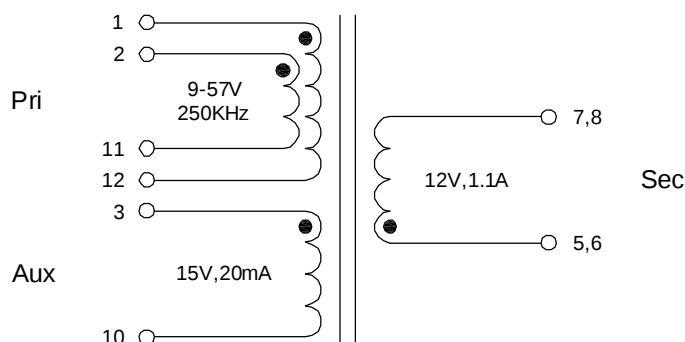
SCHEMATICS



Cut off: pin4,9

Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
6.40g/pcs

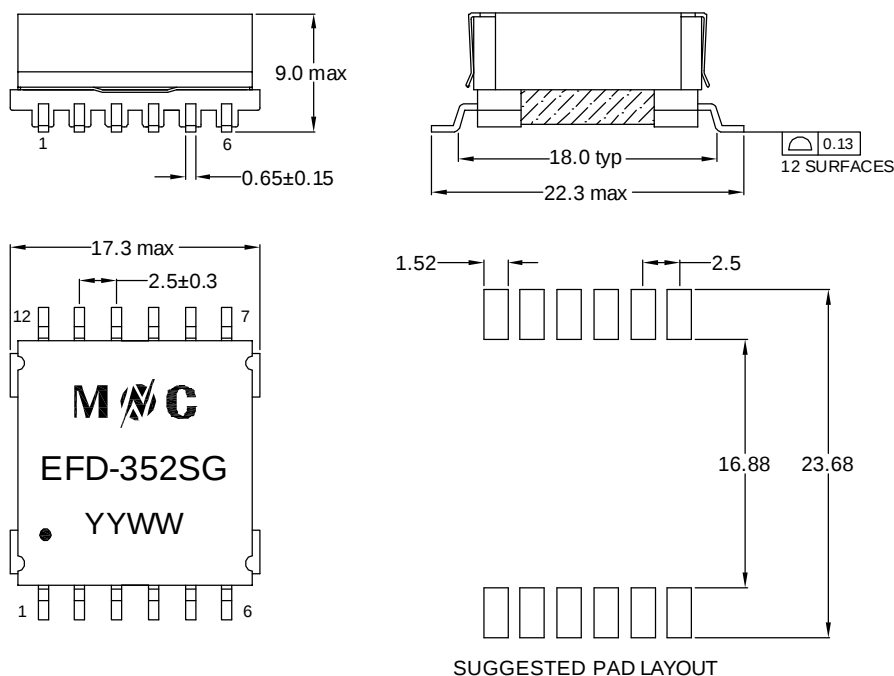
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

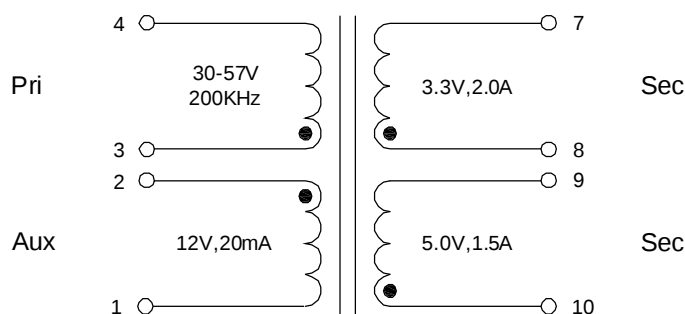
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC)
	3-4:7-8:10-9:2-1	3-4	3-4 (short other pins)	3-4	2-1	7-8	10-9	Pri/Aux-Sec
EFD-352SG	1:0.182:0.273:0.682	62	5.0	242	400	17	23	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 5.86g/pcs

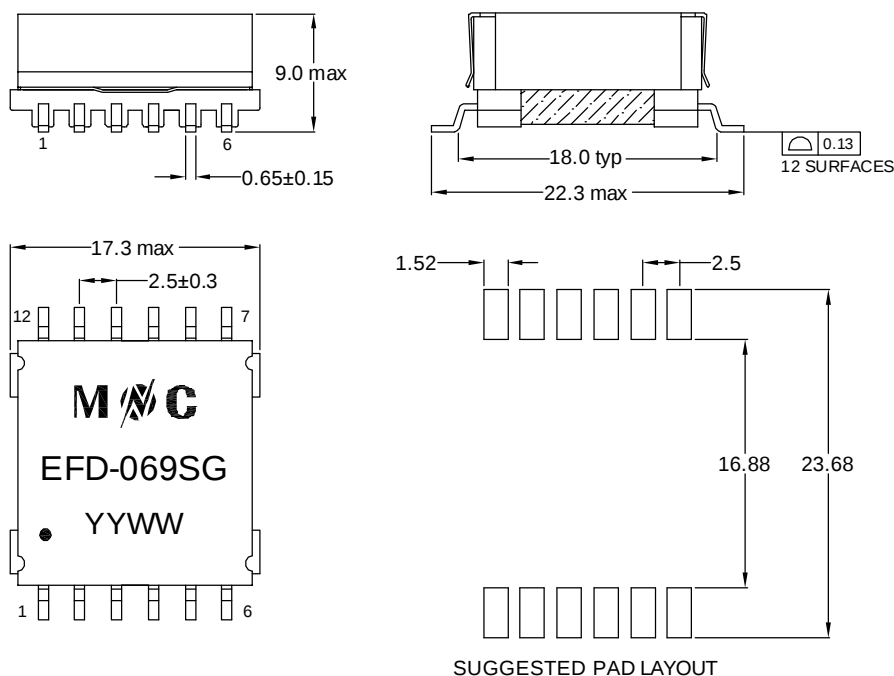
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

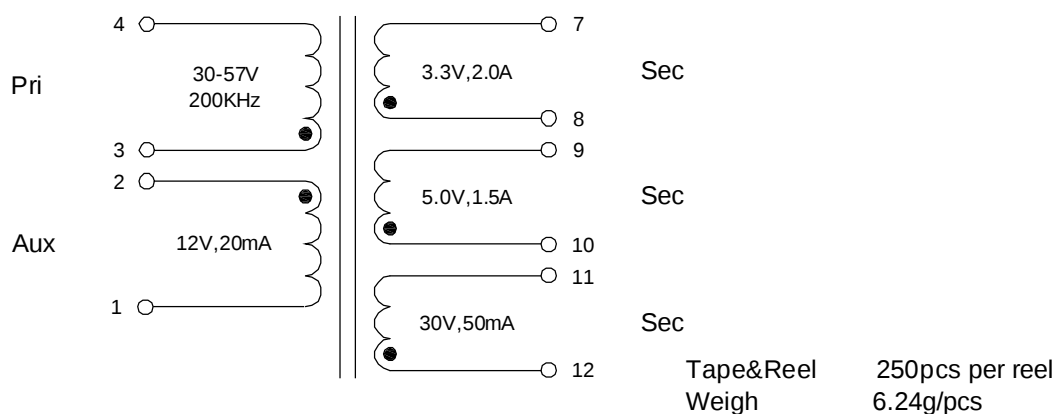
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)					HI-POT (DC)
	3-4:7-8:10-9:2-1:12-11	3-4	3-4 (short other pins)	3-4	2-1	7-8	10-9	12-11	pin (2,3-8,9,11)
EFD-069SG	1:0.182:0.318:0.682:1.682	62	5.0	250	400	20	30	2400	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



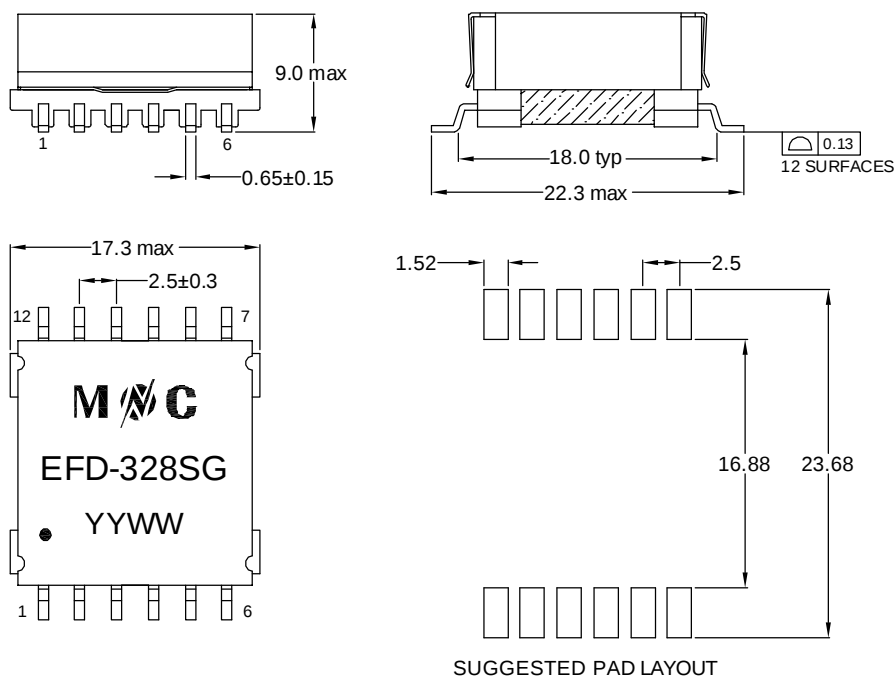
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (DC) pin (2,3,4-9,10,11)
	5,6-3,4:9,10-7,8:2-1:12-11	5,6-3,4	5,6-3,4 (short other pins)	5,6-3,4	2-1	9,10-7,8	12-11	
EFD-328SG	1:0.25:0.687:0.25	L _{0A} =20 L _{3,18A} ≥80%(L _{0A})	0.5	100	200	7.0	52	1500

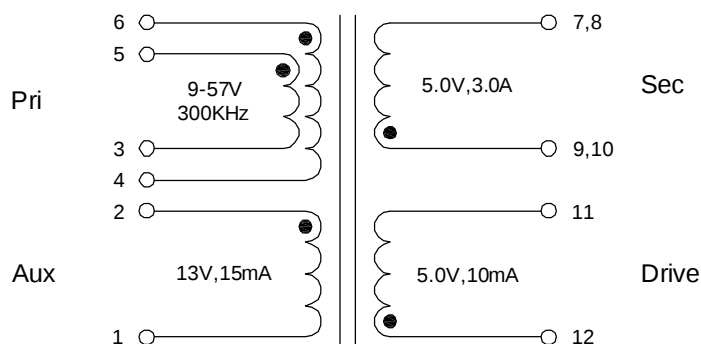
SCHEMATICS



Cut off: pin4,9

Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

250pcs per reel
6.05g/pcs

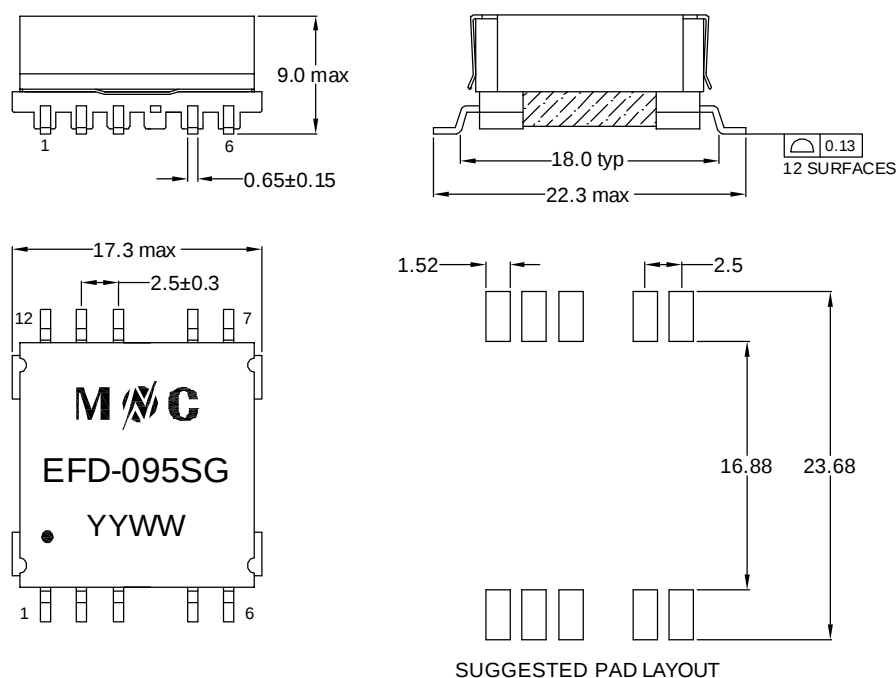
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.3V	LK(uH max) @100KHz,0.3V	DCR (mΩ max)			HI-POT (DC)
	1,2-11,12:5,6-7,8:3-10	1,2-11,12	1,2-11,12 (short other pins)	1,2-11,12	3-10	5,6-7,8	Pri/Aux-Sec
EFD-095SG	1:0.35:0.35	L _{0A} =35 L _{2.0A} ≥90%(L _{0A})	1.0	200	300	45	1500

SCHEMATICS

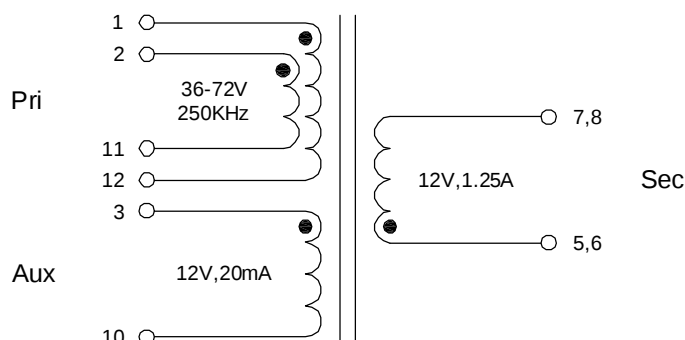


SUGGESTED PAD LAYOUT

Cut off: pin4,9

Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 250pcs per reel 5.72g/pcs

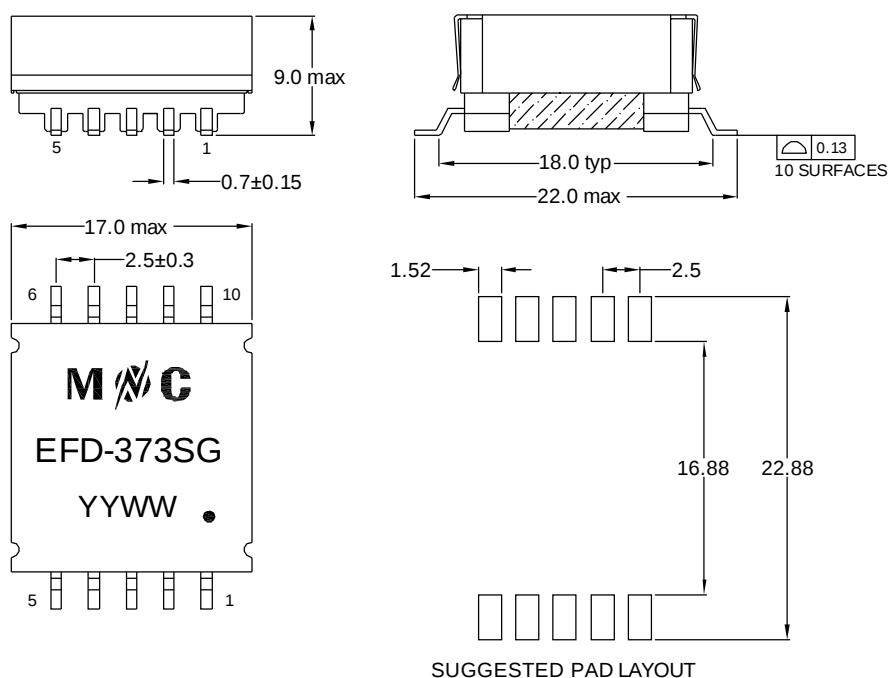
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

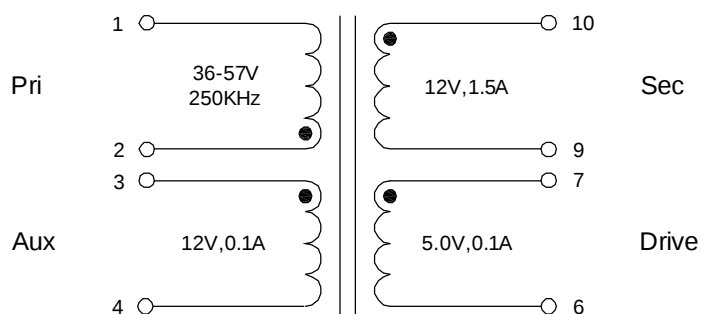
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3-7,9)
	2-1:10-9:7-6:3-4	2-1	2-1 (short other pins)	2-1	3-4	7-6	10-9	
EFD-373SG	1:0.361:0.167:0.361	240	2.0	360	320	150	40	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 5.80g/pcs

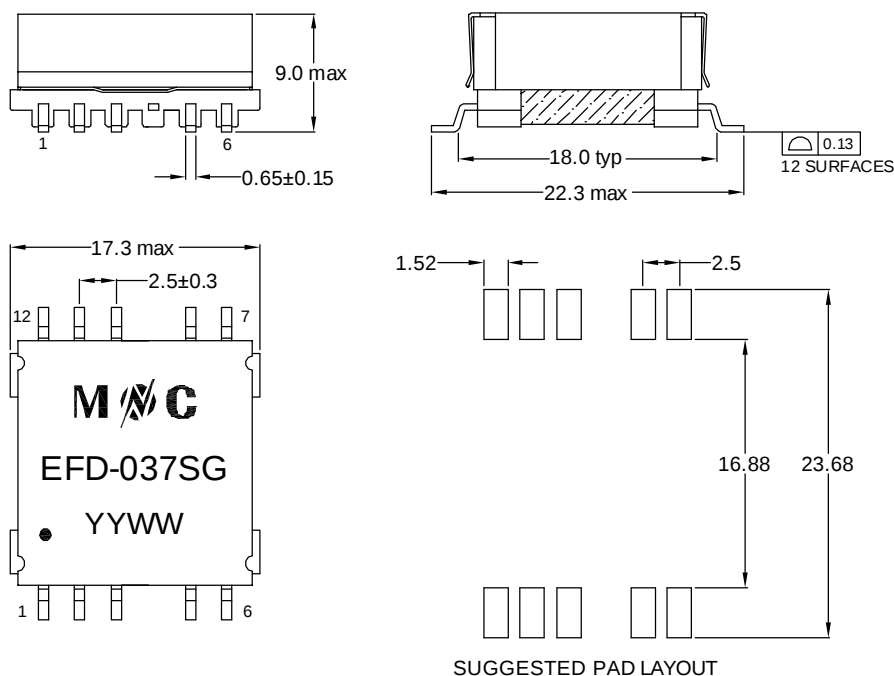
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.3V	LK(uH max) @100KHz,0.3V	DCR (mΩ max)			HI-POT (DC)
	1,2-11,12:5,6-7,8:3-10	1,2-11,12	1,2-11,12 (short other pins)	1,2-11,12	3-10	5,6-7,8	Pri/Aux-Sec
EFD-037SG	1:0.35:0.35	L _{0A} =35 L _{2.0A} ≥90%(L _{0A})	0.6	95	150	17	1500

SCHEMATICS

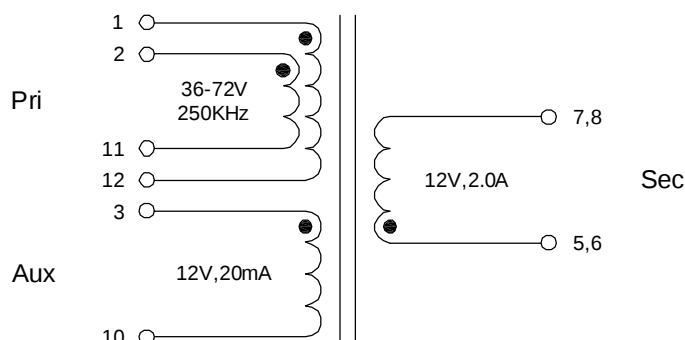


SUGGESTED PAD LAYOUT

Cut off: pin4,9

Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

250pcs per reel
5.84g/pcs

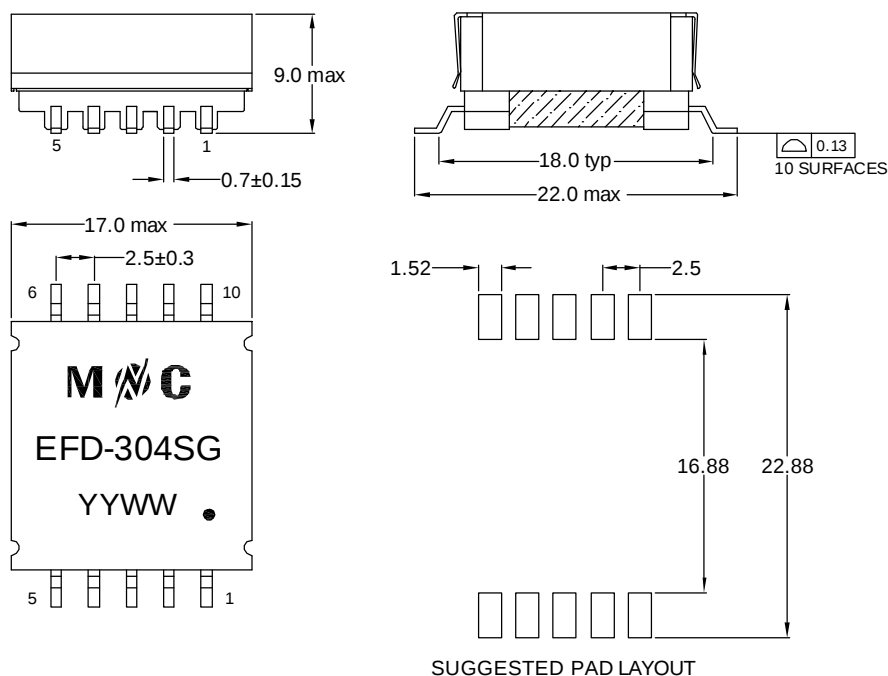
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

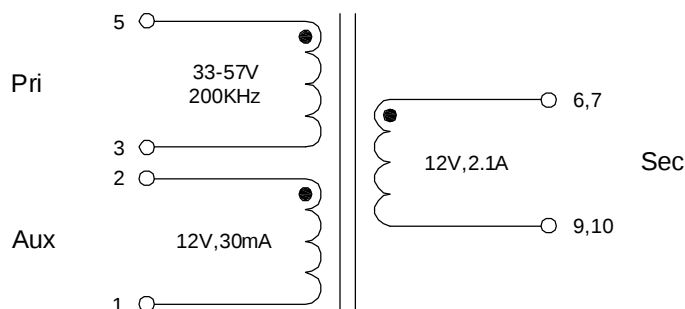
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	5-3:6,7-9,10:2-1	5-3	5-3 (short other pins)	5-3	2-1	6,7-9,10	Pri/Aux-Sec
EFD-304SG	1:0.5:0.545	37	0.75	150	200	28	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel 5.80g/pcs

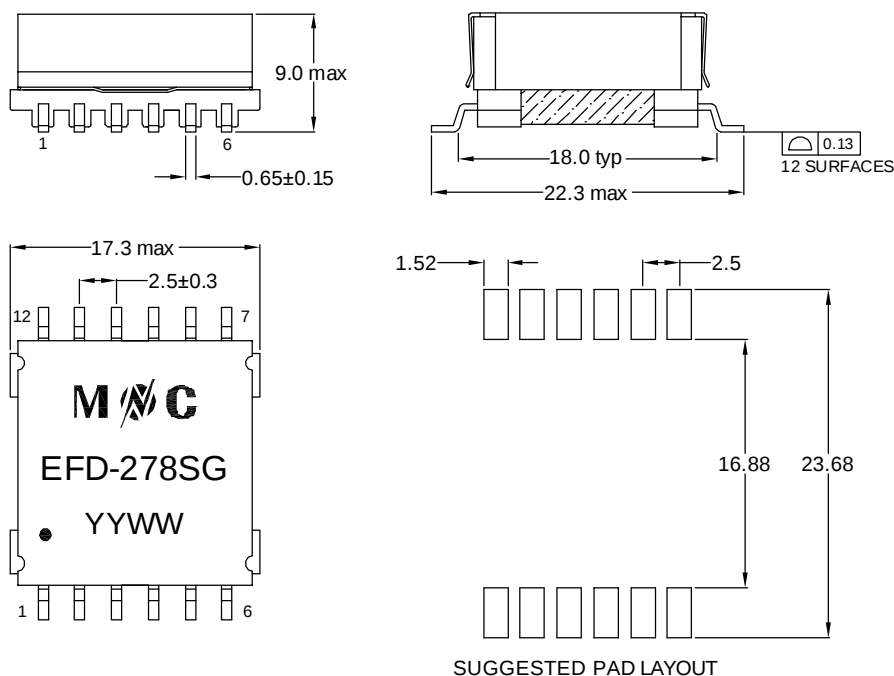
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

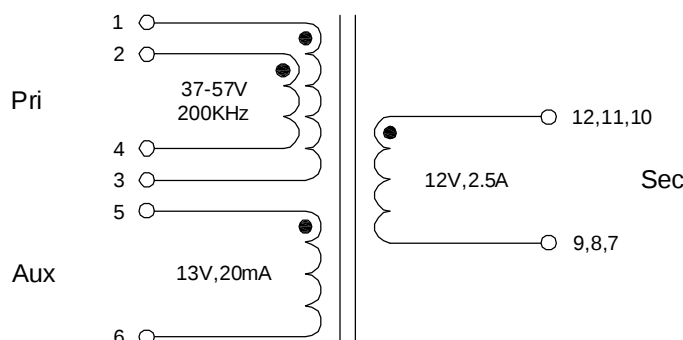
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (DC)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-278SG	1:0.375:0.438	20	0.8	70	130	12	1500

SCHEMATICS



Cut off: pin4,9
Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 250pcs per reel
5.79g/pcs

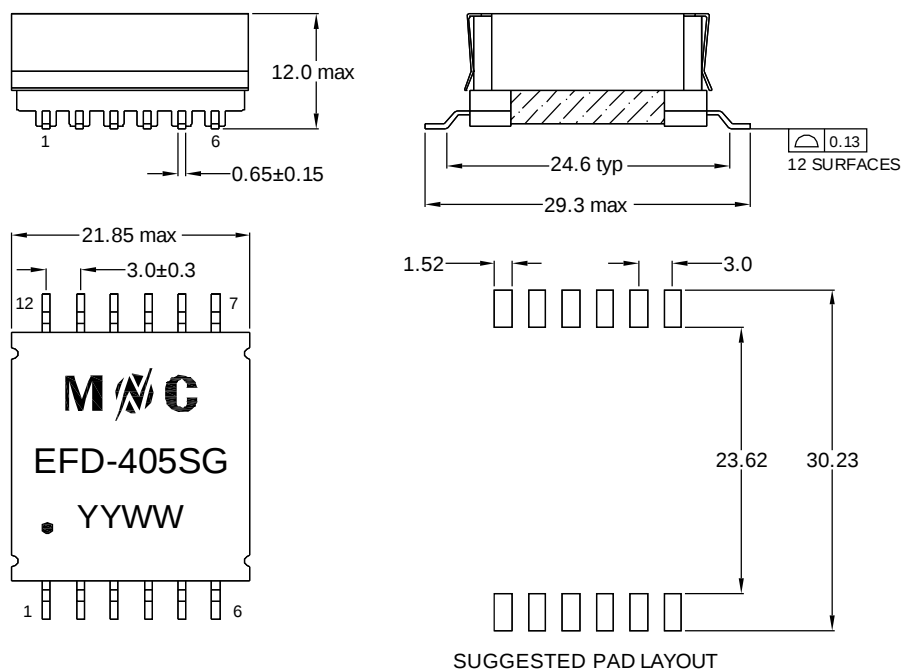
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

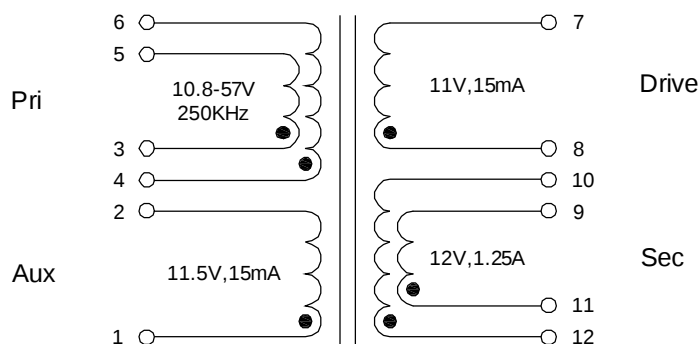
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3,4-8,9,10)
	3,4-5,6:12,11-10,9:1-2:8-7	3,4-5,6	3,4-5,6 (short other pins)	3,4-5,6	1-2	8-7	12,11-10,9	
EFD-405SG	1:0.57:0.57:0.52	L _{0A} =45 L _{2.8A} ≥ 90%(L _{0A})	0.55	60	370	323	58	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.30g/pcs

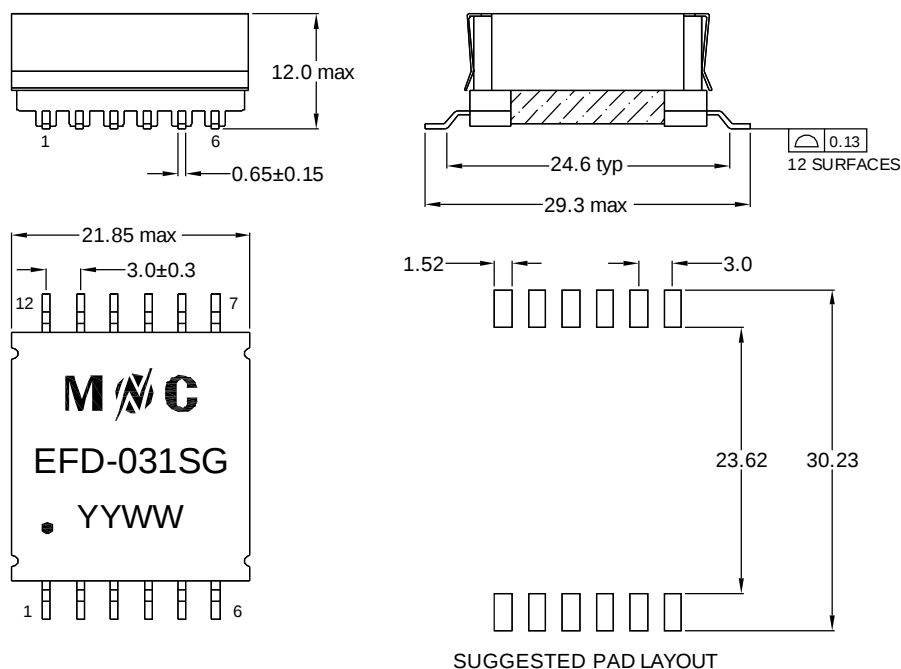
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

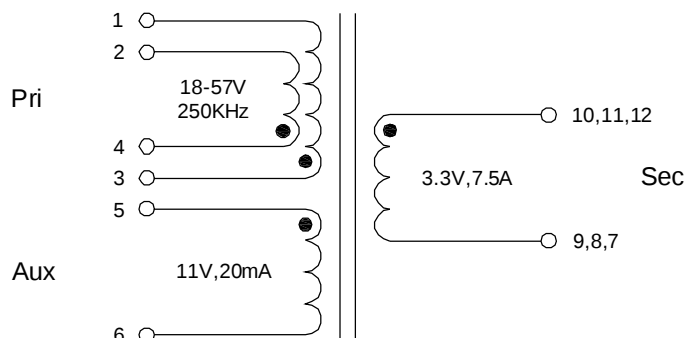
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3,4-1,2:12,11,10-9,8,7:5-6	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-031SG	1:0.12:0.41	L _{0A} =50 L _{2,9A} ≥ 90%(L _{0A})	2.2	26	328	3.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.80g/pcs

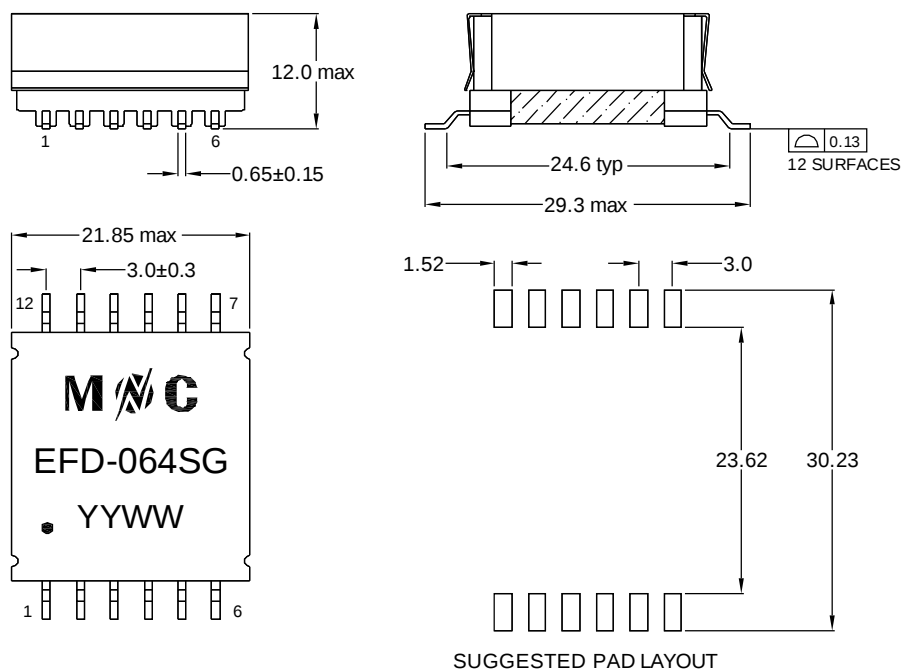
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

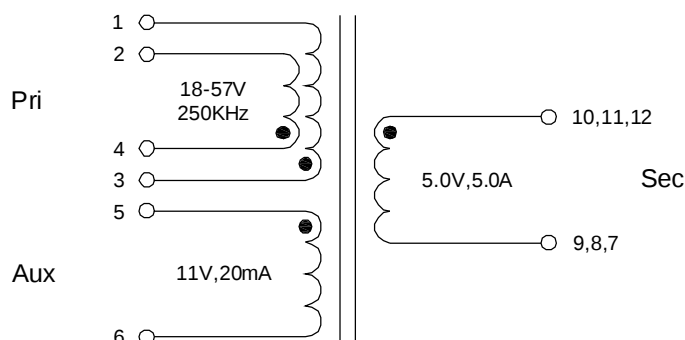
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3,4-1,2:12,11,10-9,8,7:5-6	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-064SG	1:0.18:0.41	L _{0A} =50 L _{2.9A} ≥ 90%(L _{0A})	1.1	26	315	4.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.96g/pcs

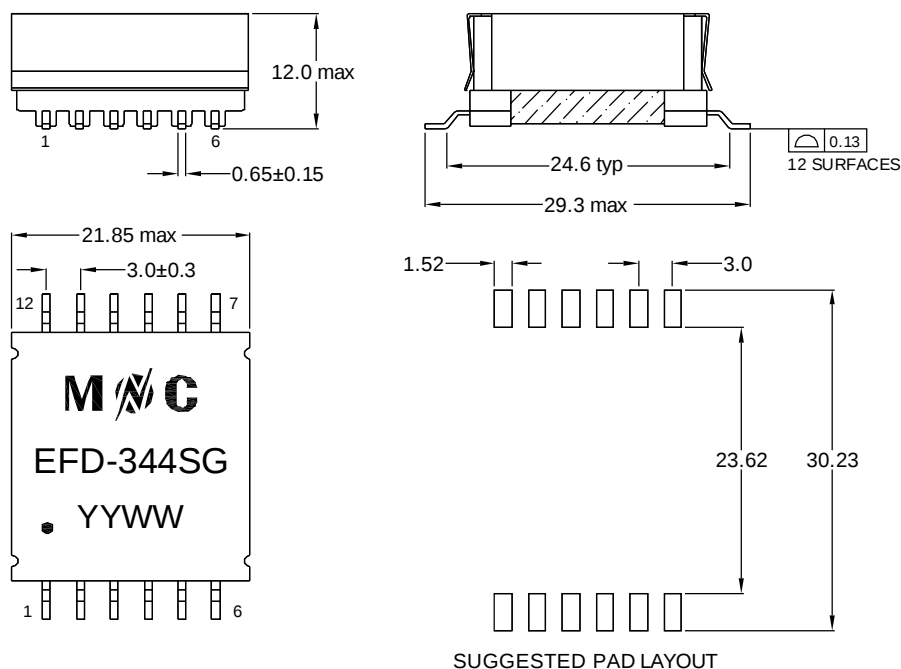
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

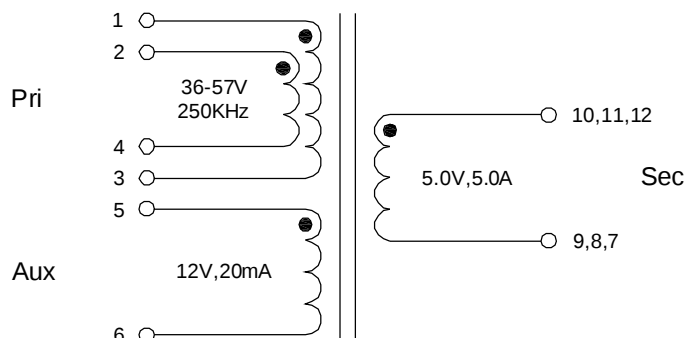
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-344SG	1:0.182:0.409	L _{0A} =70 L _{3.3A} ≥ 90%(L _{0A})	1.0	70	310	6.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.50g/pcs

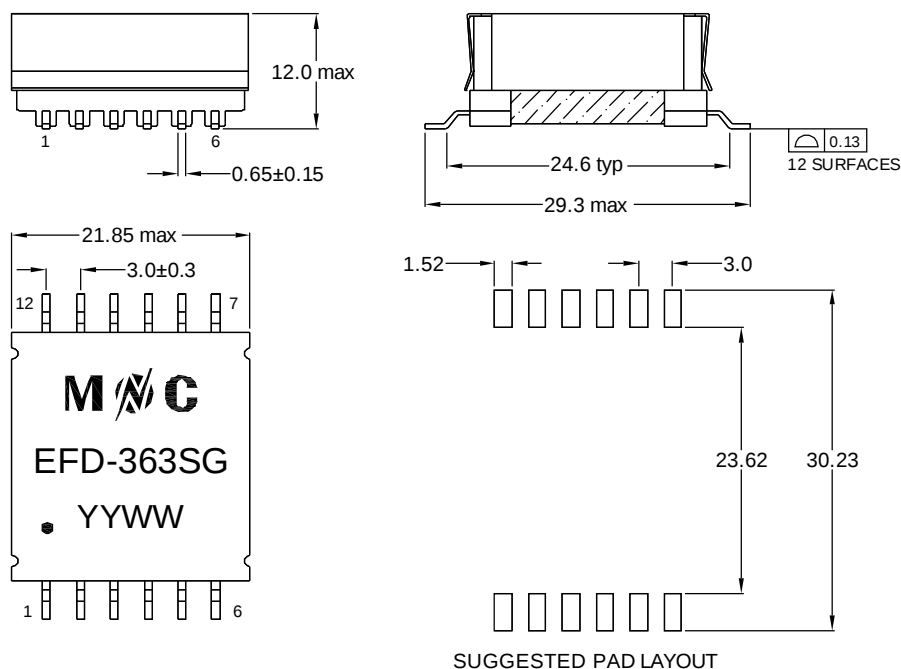
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

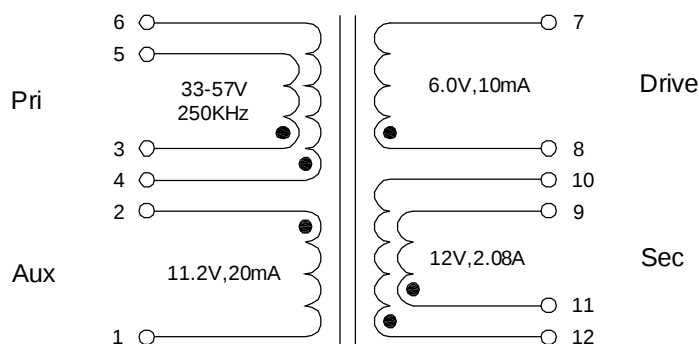
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3,4-8,9,10)
	3,4-5,6:12,11-10,9:2-1:8-7	3,4-5,6	3,4-5,6 (short other pins)	3,4-5,6	2-1	8-7	12,11-10,9	
EFD-363SG	1:0.25:0.25:0.167	75	1.0	100	200	150	40	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.93g/pcs

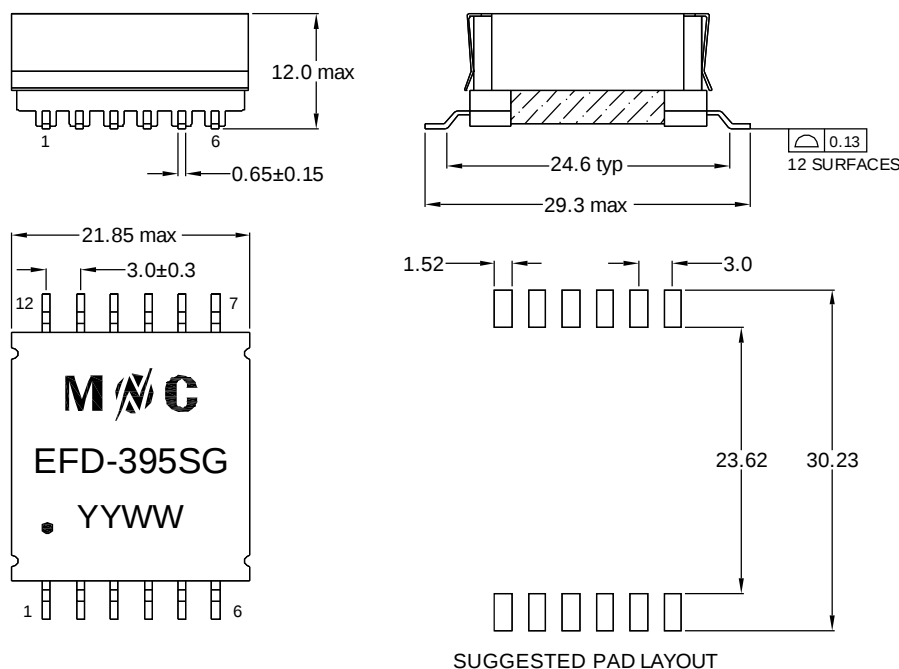
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

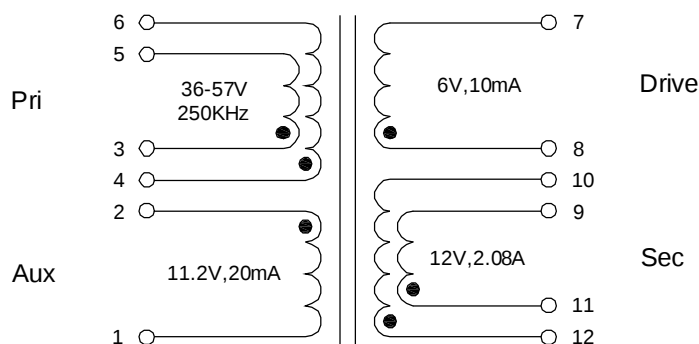
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (2,3,4-8,9,10)
	3,4-5,6:12,11-10,9:2-1:8-7	3,4-5,6	3,4-5,6 (short other pins)	3,4-5,6	2-1	8-7	12,11-10,9	
EFD-395SG	1:0.25:0.25:0.15	L _{0A} =75 L _{2.2A} ≥ 90%(L _{0A})	1.0	77	96	70	10	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel 13.40g/pcs

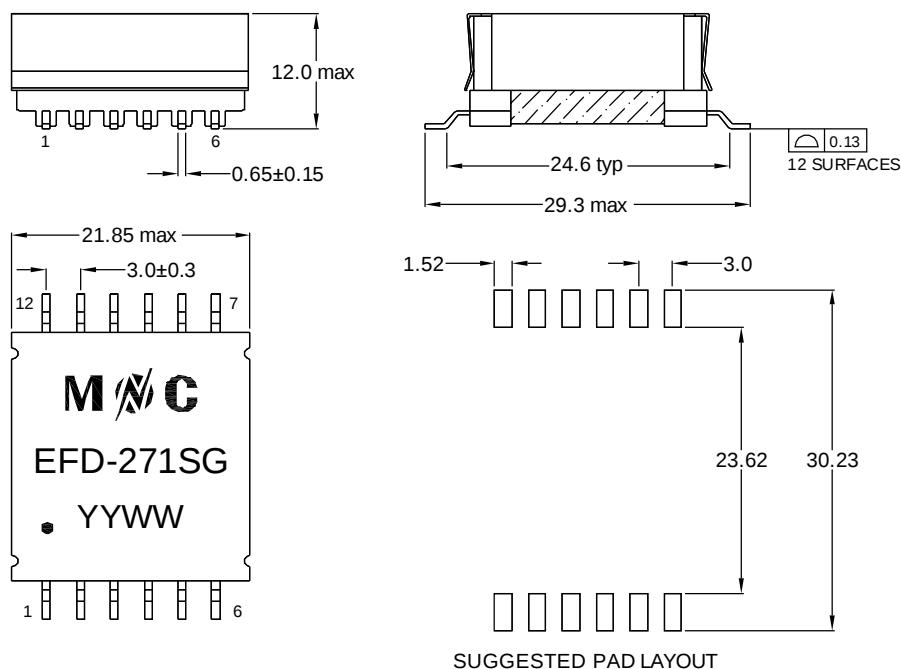
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

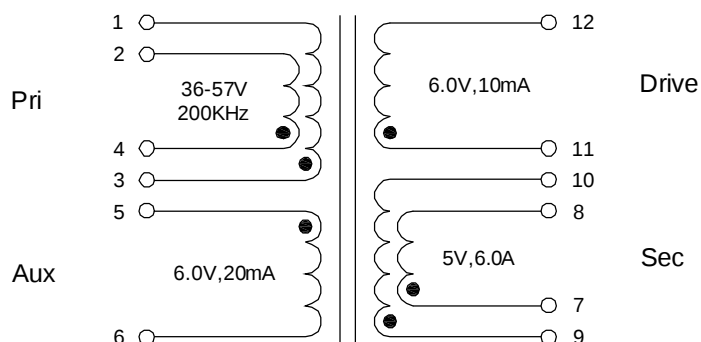
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (3,4,5-8,9,11)
	3,4-1,2:7,9-8,10:5-6:11-12	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	7,9-8,10	11-12	
EFD-271SG	1:0.235:0.294:0.294	L _{0A} =36.3 L _{2.0A} ≥ 90%(L _{0A})	1.0	60	320	7	320	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel 13.40g/pcs

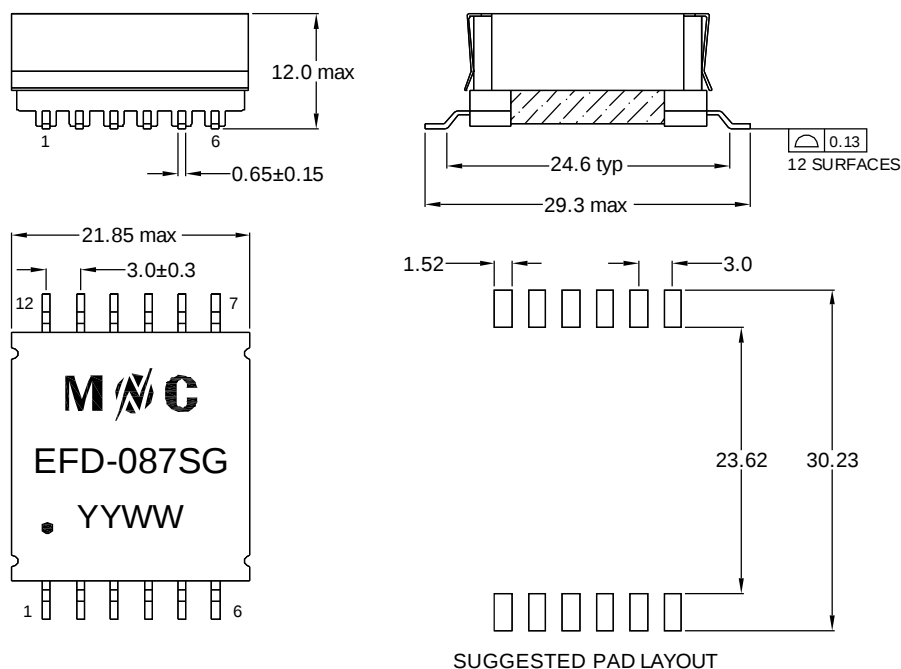
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

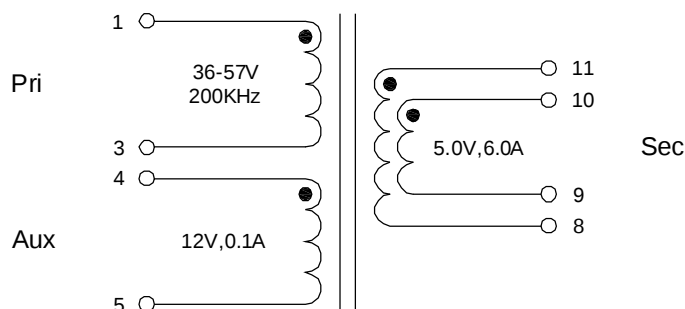
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1-3:11,10-9,8:4-5	1-3	1-3 (short other pins)	1-3	4-5	11,10-9,8	Pri/Aux-Sec
EFD-087SG	1:0.188:0.5	55	2.0	55	110	6.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.56g/pcs

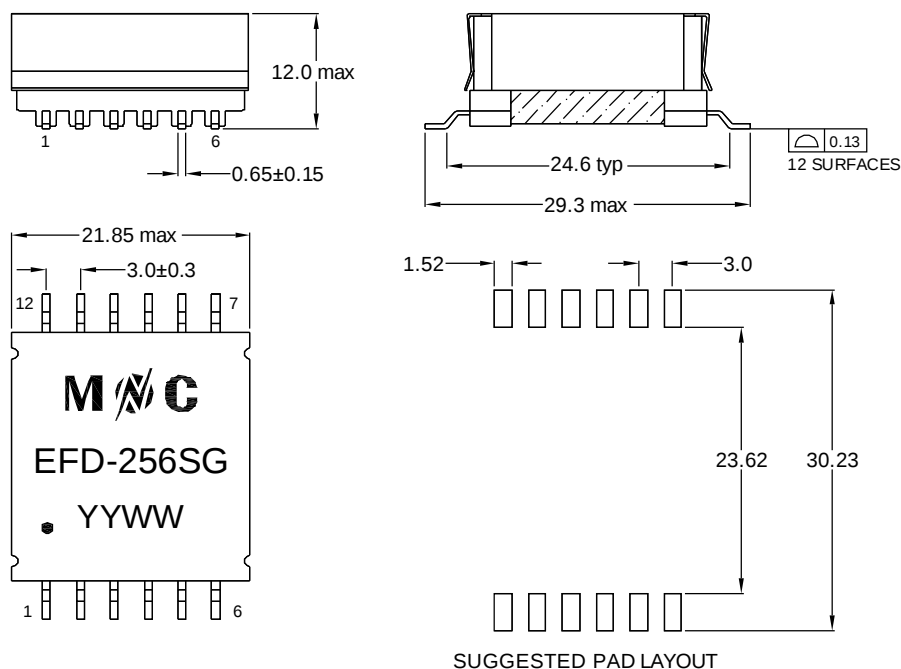
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

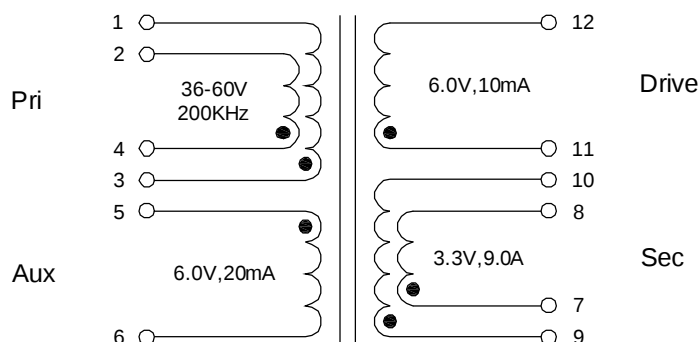
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (3,4,5-8,9,11)
	3,4-1,2:7,9-8,10:5-6:11-12	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	7,9-8,10	11-12	
EFD-256SG	1:0.125:0.25:0.25	L _{0A} =57 L _{2.0A} ≥ 90%(L _{0A})	1.2	60	350	8	350	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.20g/pcs

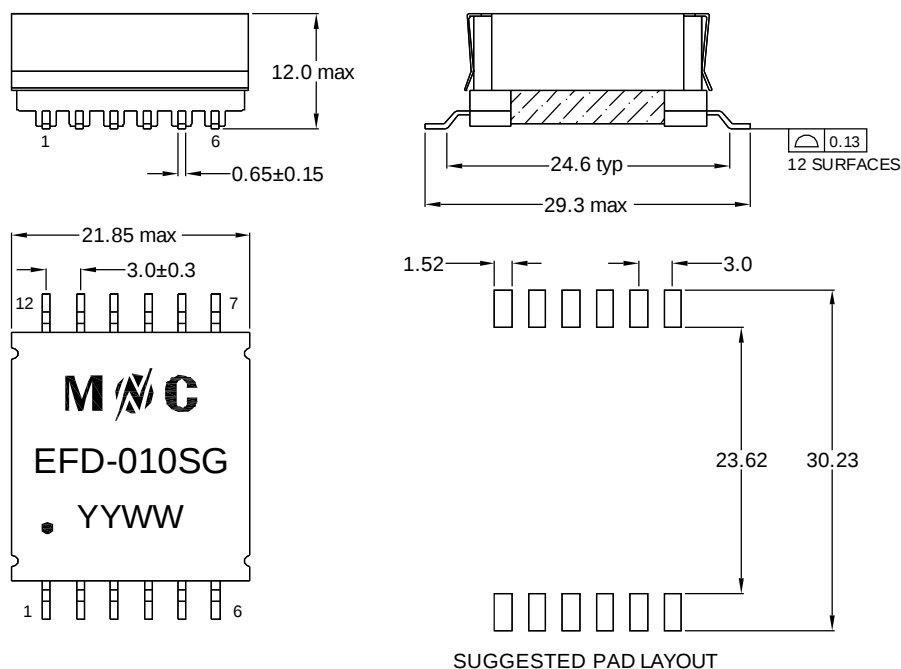
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

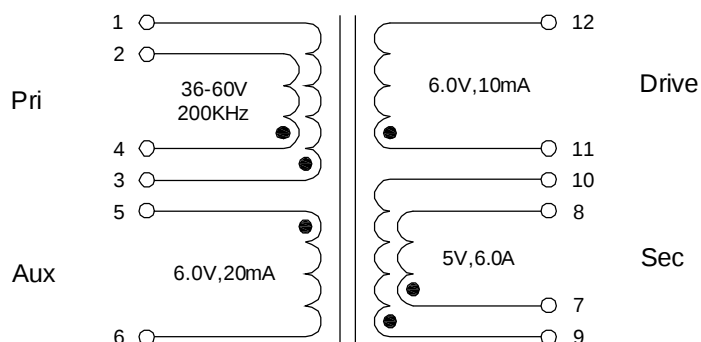
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)				HI-POT (Vrms) pin (3,4,5-8,9,11)
	3,4-1,2:7,9-8,10:5-6:11-12	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	7,9-8,10	11-12	
EFD-010SG	1:0.2:0.25:0.25	L _{0A} =40 L _{2,0A} ≥90%(L _{0A})	0.8	50	300	10	300	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.94g/pcs

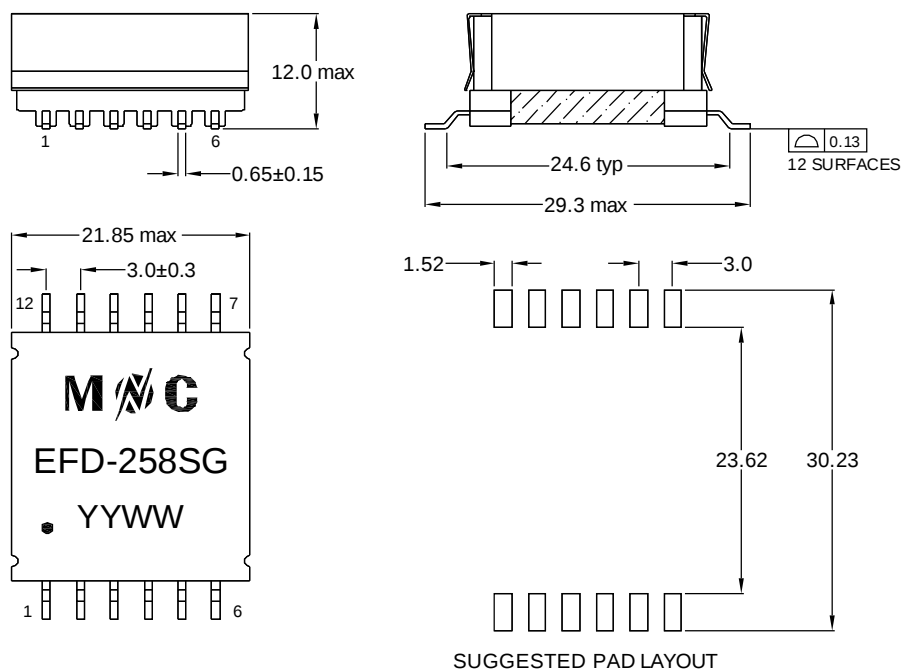
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

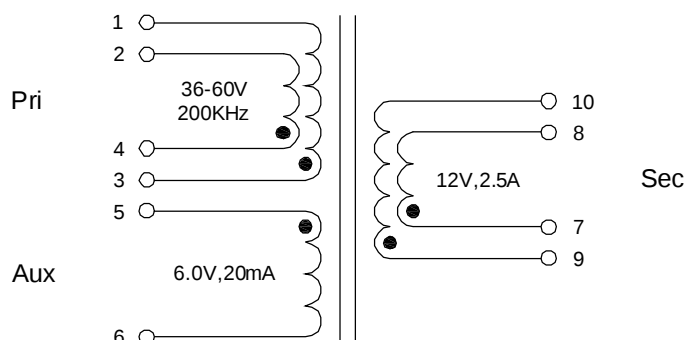
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	3,4-1,2:7,9-8,10:5-6	3,4-1,2	3,4-1,2 (short other pins)	3,4-1,2	5-6	7,9-8,10	Pri/Aux-Sec
EFD-258SG	1:0.333:0.167	L _{0A} =112 L _{2,0A} ≥ 90%(L _{0A})	1.5	150	300	30	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight: 150pcs per reel, 14.20g/pcs

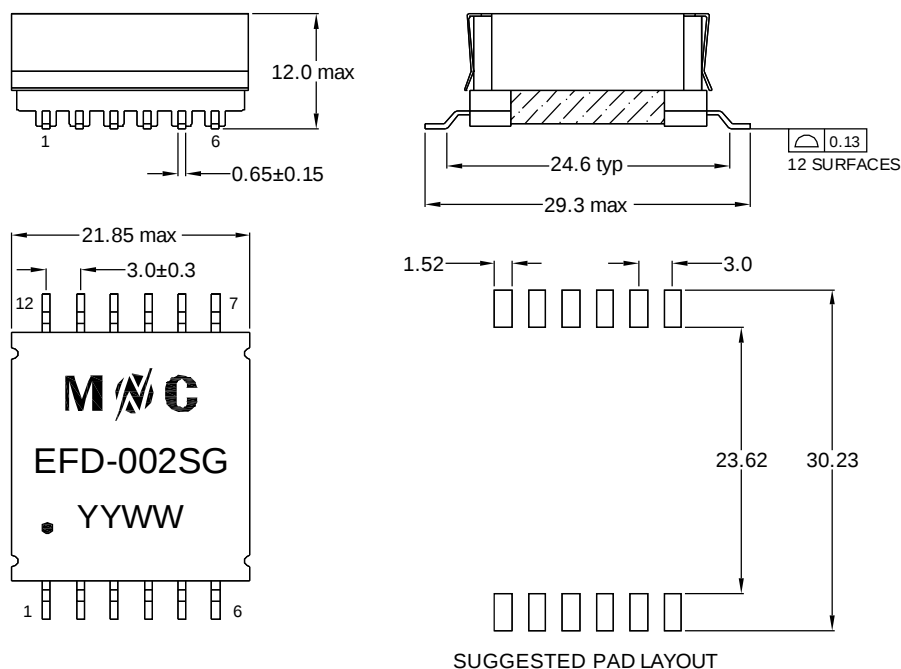
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

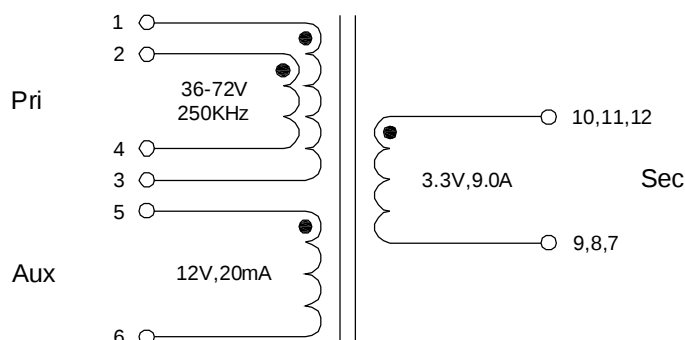
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-002SG	1:0.09:0.333	L _{0A} =42 L _{2.6A} ≥ 90%(L _{0A})	3.0	70	220	4.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.60g/pcs

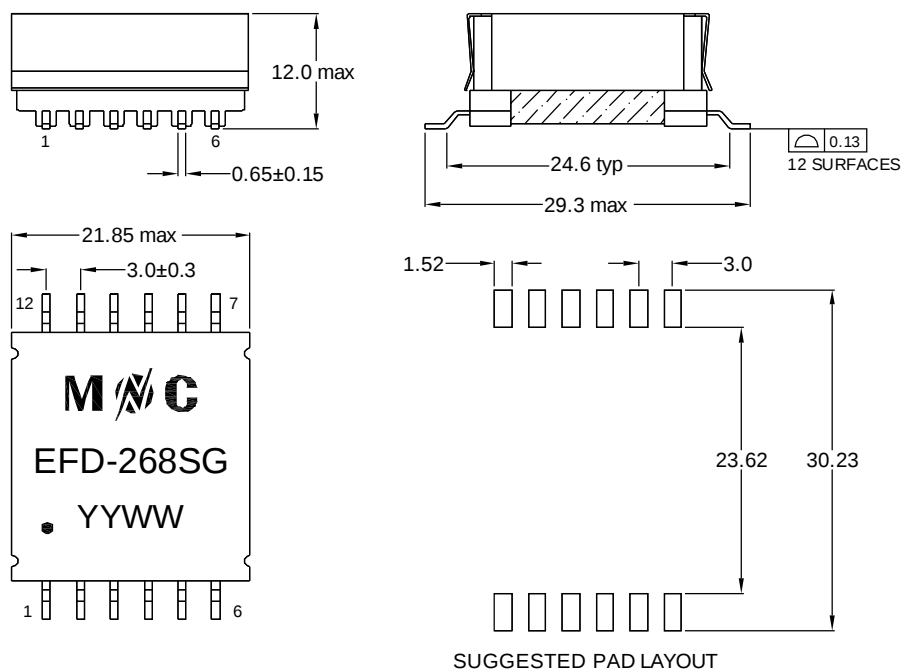
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

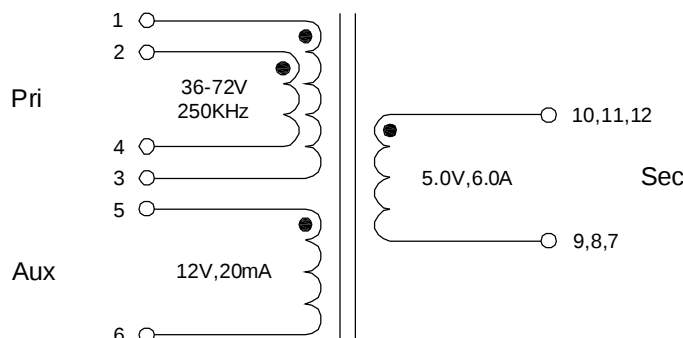
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-268SG	1:0.143:0.333	L _{0A} =42 L _{2.6A} ≥ 90%(L _{0A})	1.6	69	225	5.0	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
12.58g/pcs

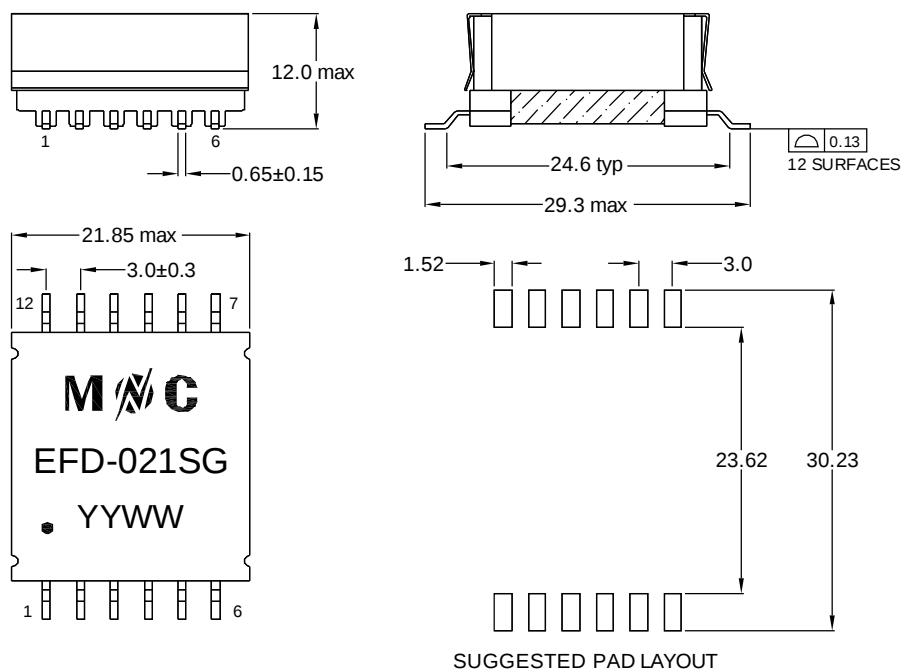
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

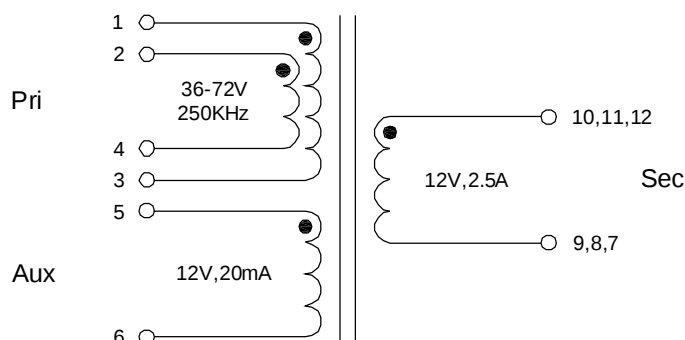
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-021SG	1:0.333:0.333	L _{0A} =42 L _{2.6A} ≥ 90%(L _{0A})	1.0	61	195	15	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
14.70g/pcs

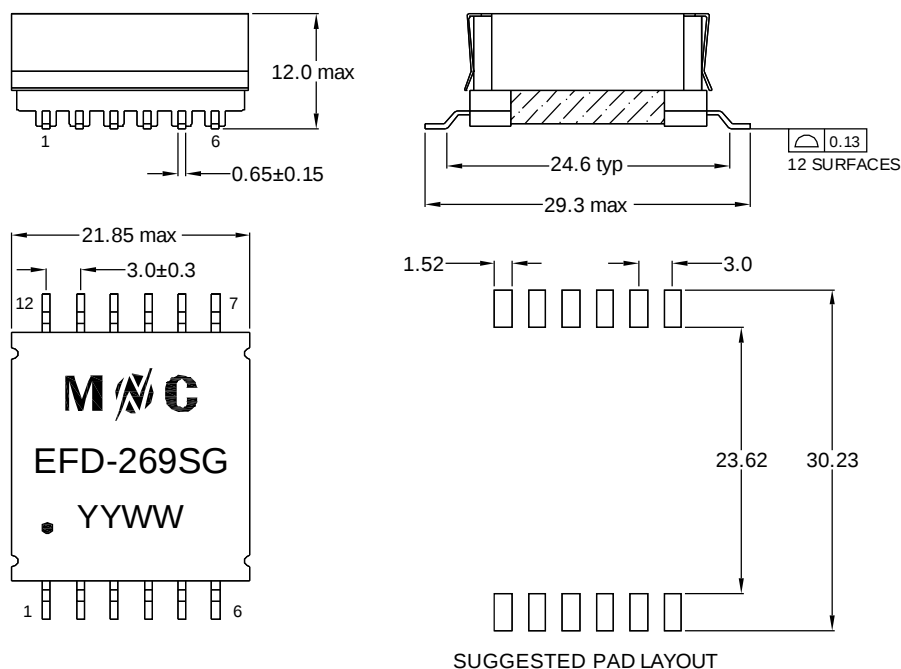
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

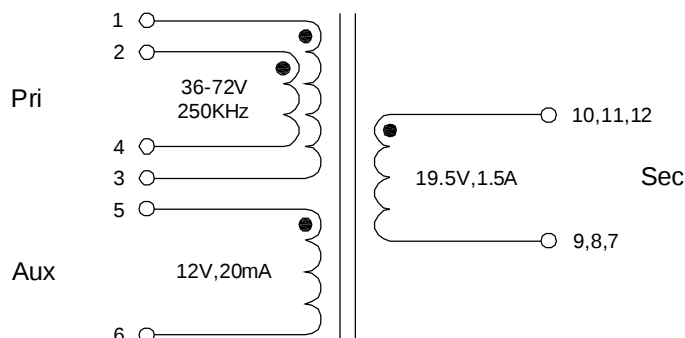
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-269SG	1:0.556:0.333	L _{0A} =42 L _{2.6A} ≥ 90%(L _{0A})	0.5	60	195	37	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weight 150pcs per reel
12.80g/pcs

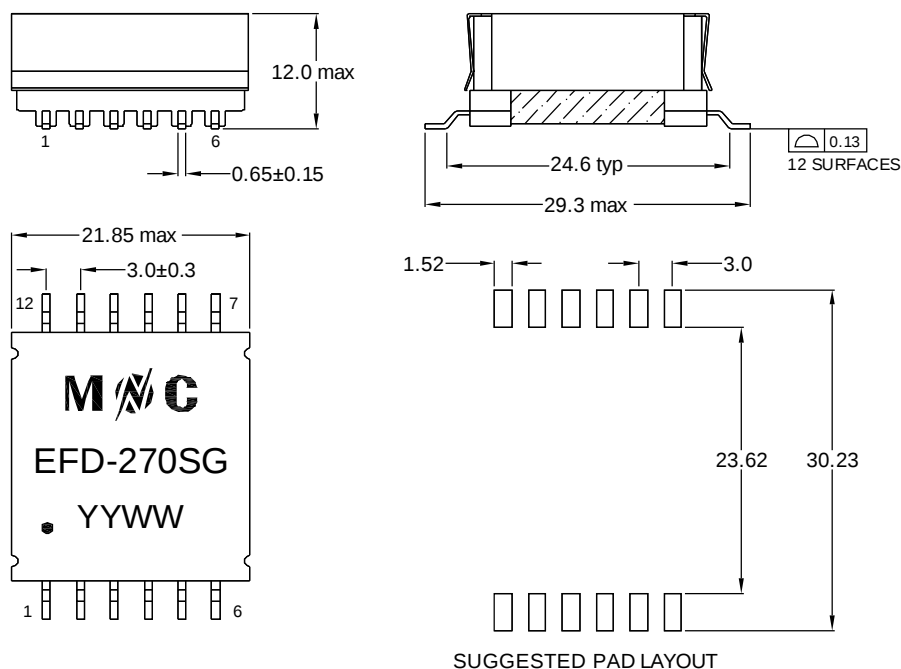
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

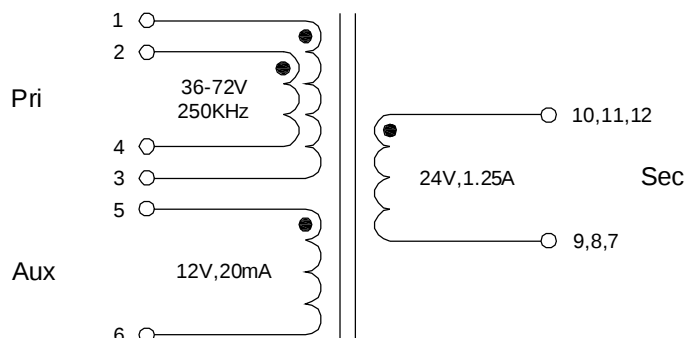
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.1V	LK(uH max) @200KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-270SG	1:0.667:0.333	L _{0A} =42 L _{2.6A} ≥ 90%(L _{0A})	0.5	60	195	55	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel
Weigh

150pcs per reel
13.10g/pcs

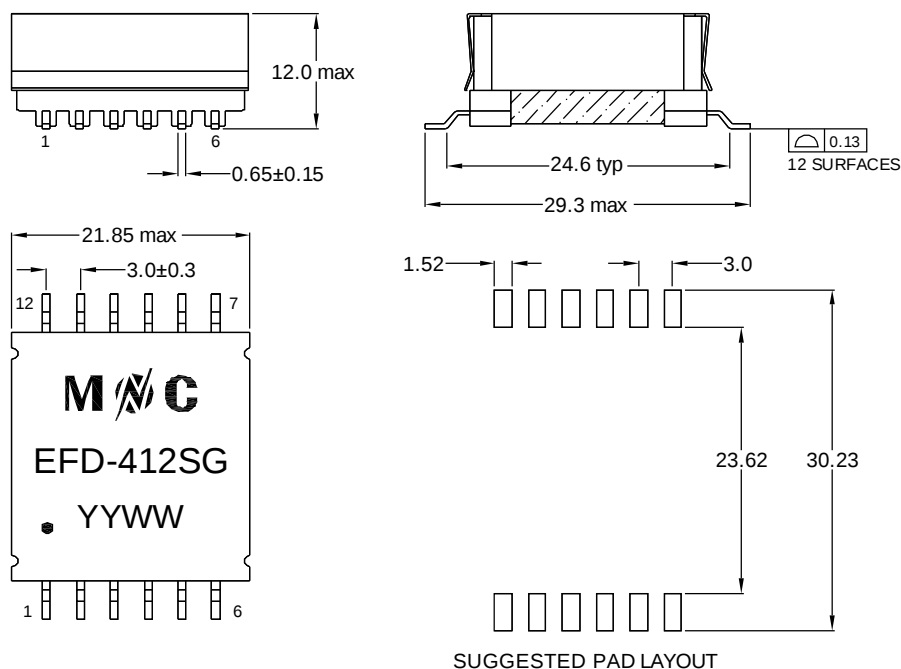
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

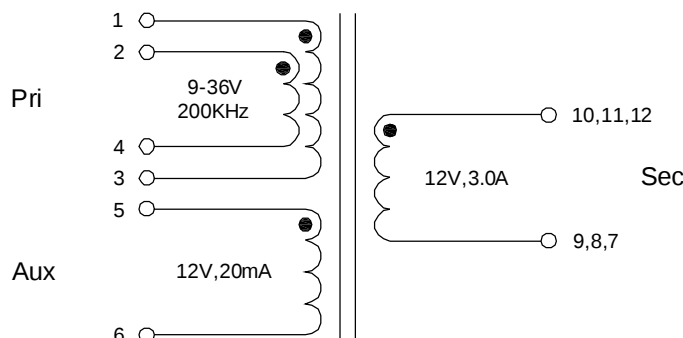
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-412SG	1:1.167:1.167	4.5	0.2	9.5	130	23	1800

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.24g/pcs

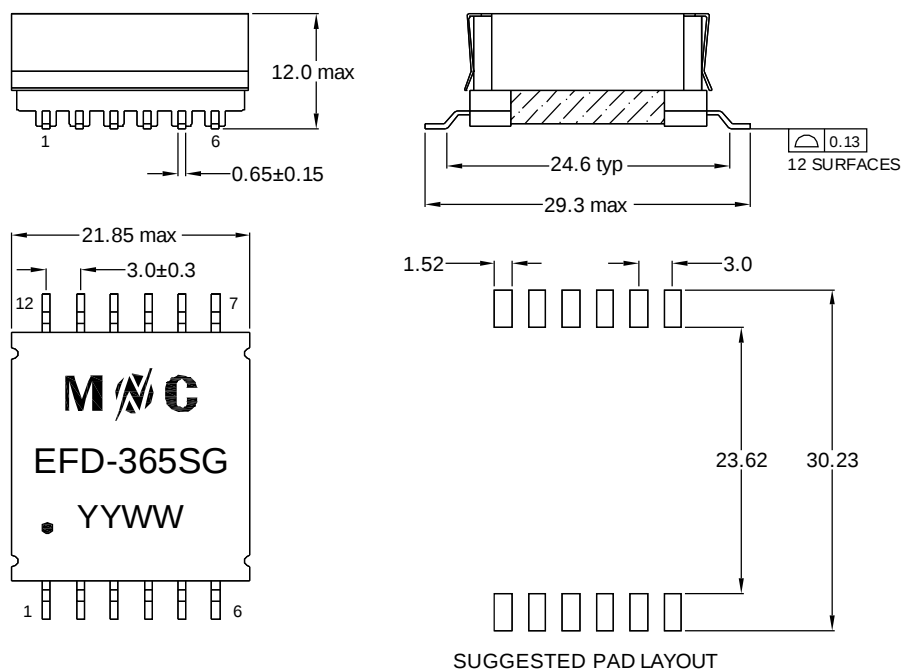
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

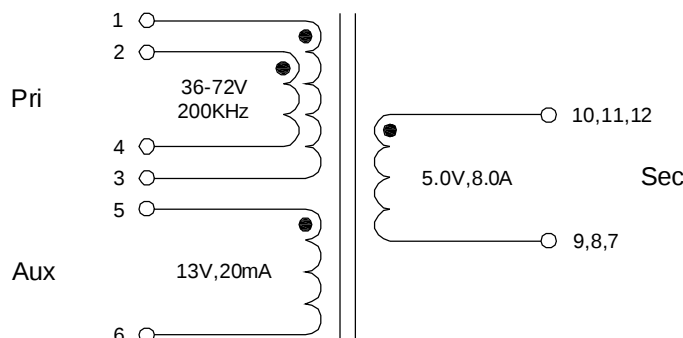
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-365SG	1:0.188:0.5	28.5	1.0	55	200	4.5	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.40g/pcs

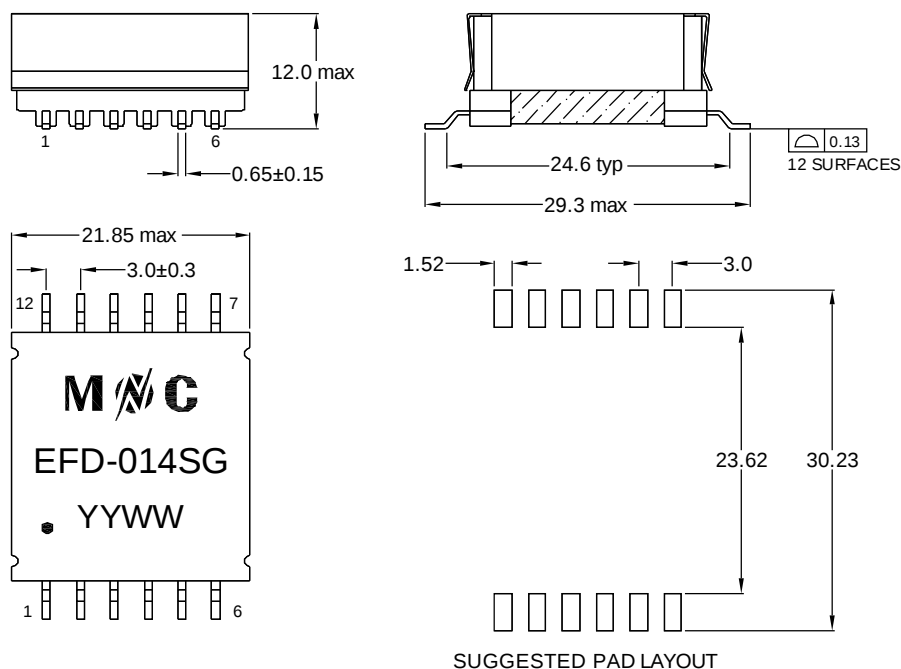
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

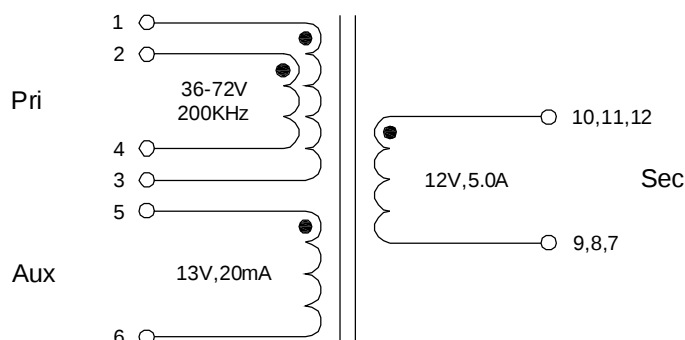
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:12,11,10-9,8,7:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EFD-014SG	1:0.375:0.438	20.5	1.0	39	230	8.5	1800

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.50g/pcs

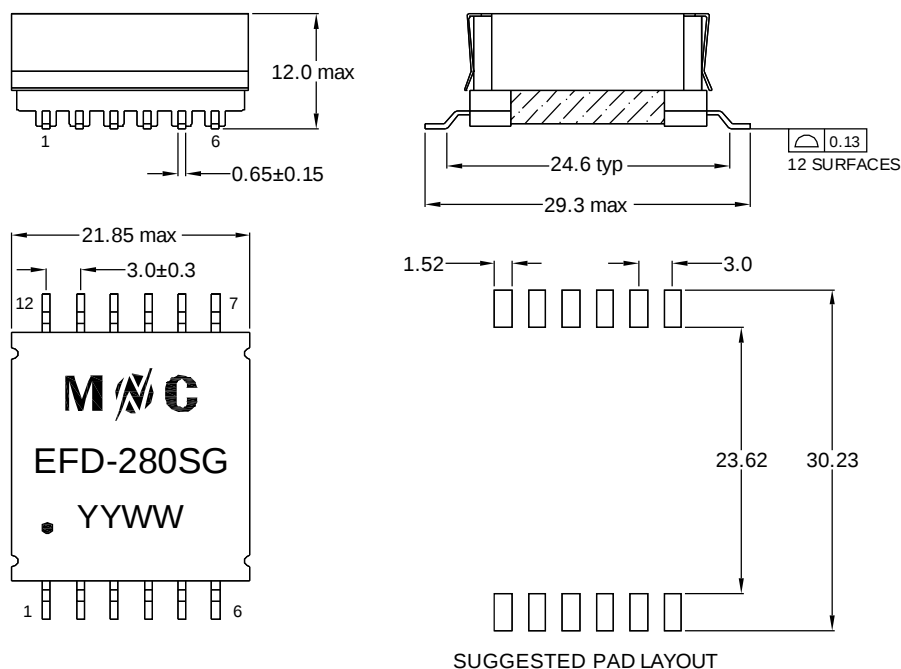
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

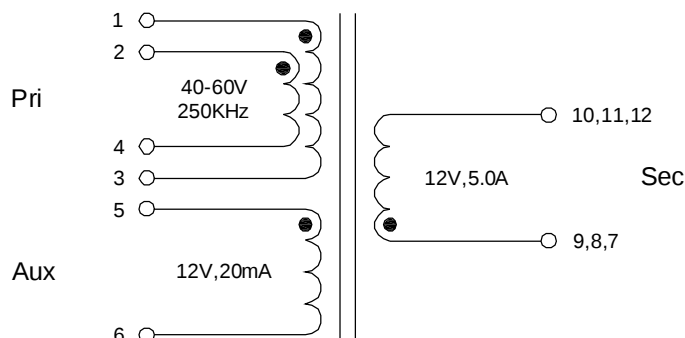
Part Number	Turns Ratio(±3%)	OCL(uH±12%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V	DCR (mΩ max)			HI-POT (Vrms)
	1,2-3,4:7,8,9-10,11,12:5-6	1,2-3,4	1,2-3,4 (short other pins)	1,2-3,4	5-6	7,8,9-10,11,12	Pri/Aux-Sec
EFD-280SG	1:0.5:0.5	100	0.8	72	680	15	2000

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 150pcs per reel
13.90g/pcs

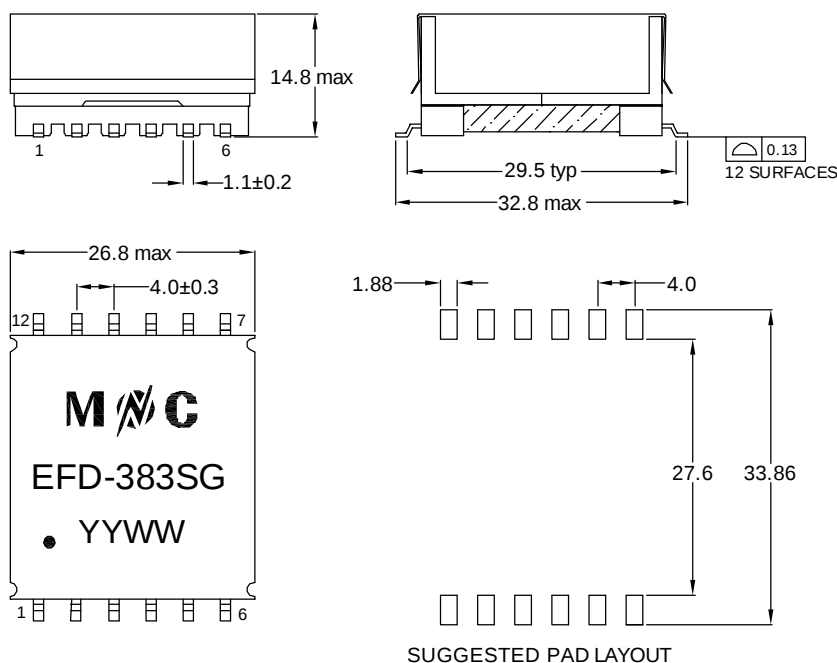
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

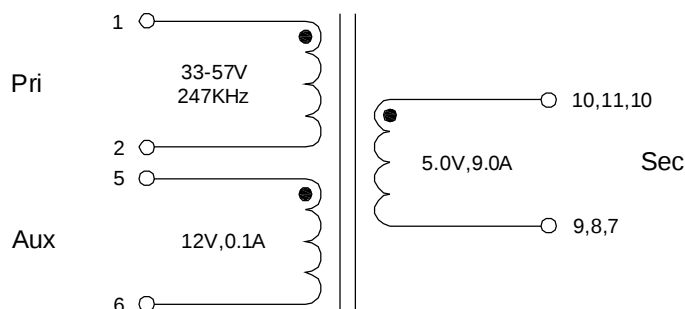
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @200KHz,0.3V	LK(uH max) @200KHz,0.3V	DCR (mΩ max)			HI-POT (Vrms)
	1-2:12,11,10-9,8,7:5-6	1-2	1-2 (short other pins)	1-2	5-6	12,11,10-9,8,7	Pri/Aux-Sec
EP-383SG	1:0.167:0.4	30	2.0	200	220	12	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 100pcs per reel
26.37g/pcs

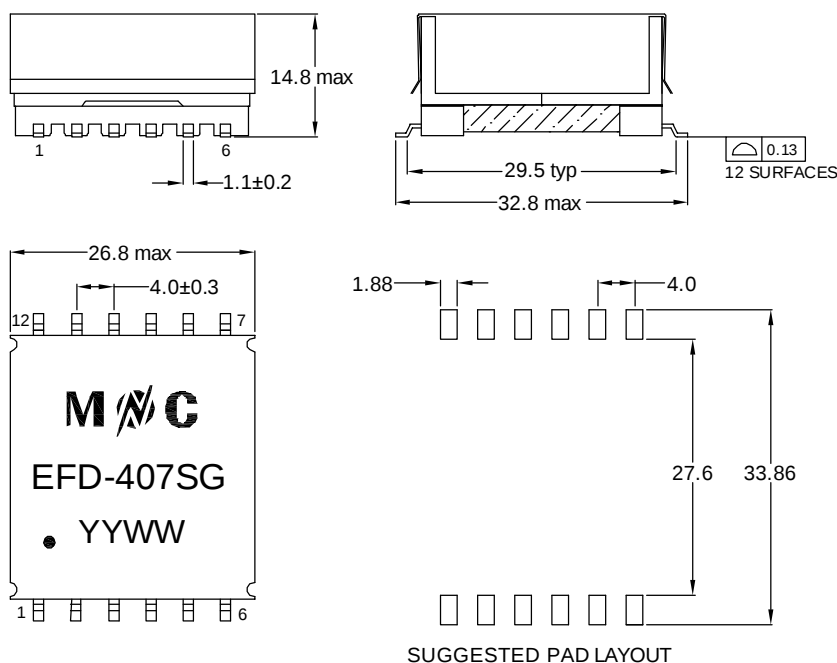
- IEC60950 Compatible.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range (Including self temperature rise): -40 °C to +125 °C.



Electrical Specifications @25 °C

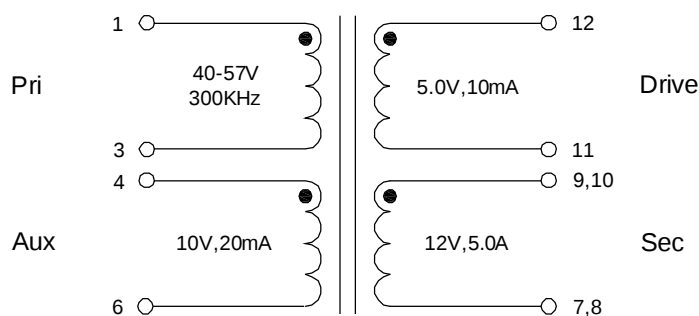
Part Number	Turns Ratio(±3%)	OCL(uH±10%) @100KHz,0.1V	LK(uH max) @100KHz,0.1V (short other pins)	DCR (mΩ max)				HI-POT (DC) pin (3,4-9,10,11)
				1-3	4-6	9,1-7,8	12-11	
EFD-407SG	1:0.428:0.357:0.178	75	1.0	130	550	25	270	1500

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS



Tape&Reel Weigh 100pcs per reel
25.60g/pcs