

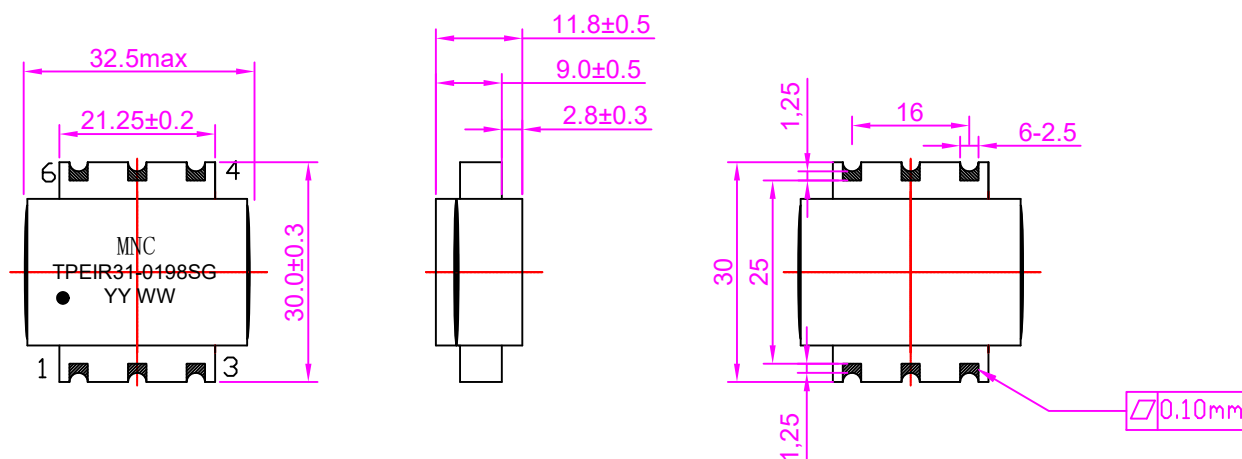
PLANAR TRANSFORMER

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



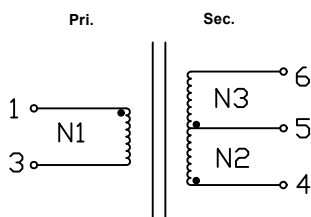
Application								
Output Power (W)	Work Frequency (KHz)	Circuit topology		Input Voltage (V)		Output Voltage (V)		Output Current (A)
700	200	Full bridge		36~56		50		15
Electrical Specifications @25°C								
Part Number	Turns Ratio(±3%)	OCL(uH±35%) @200KHz,1.0V	LK(nH Max) @200KHz,1.0V	DCR (mΩmax)			HI-POT (Vrms)	
	1-3:4-5:5-6	1-3	1-3((short4-5-6)	1-3	4-5	5-6	Pri-Sec	Wdgs-Core
TPEIR31-0198SG	3:5:5	60	80	2.5	9.5	9.5	1500Vdc	500Vdc

MECHANICAL DIMENSIONS



● Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS



○ Start Point