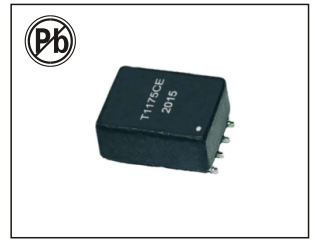


DUAL BROADBAND PLC TRANSFORMER

T1175CE

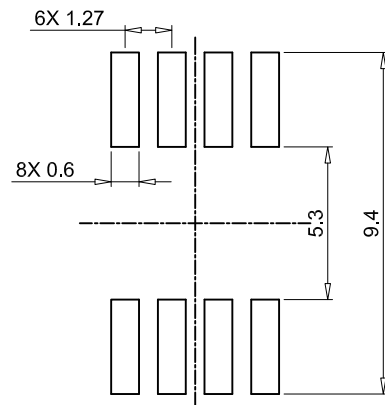
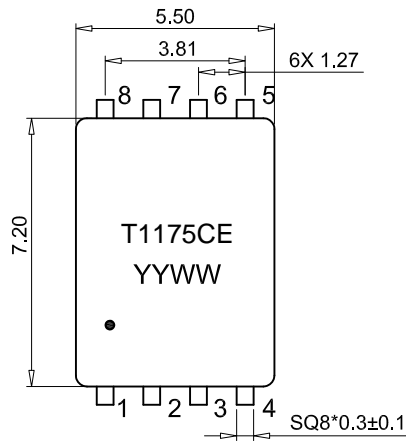


FEATURES:

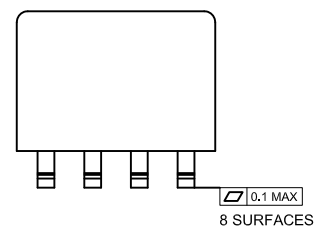
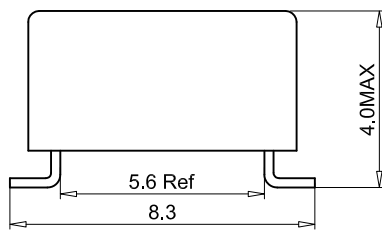
- DESIGN FOR PLC(POWER LINE COMMUNICATION) APPLICATION.
- ROHS COMPLIANT.
- REINFORCED INSULATION
- OPERATING TEMPERATURE RANGE: -40°C TO 125°C.

Electrical Specifications @25°C							
Part Number	Turns Ratio @100KHz,1V	OCL @100KHz 0.1V	LK @100KHz 0.1V	DCR @25°C	IL @2MHz-200MHz	RL @2MHz-200MHz	HI-POT (Pri TO Sec)
	1-4:7-8:5-6	1-4,7-8,5-6	1-4(Short 5-6-7-8)	1-4,7-8,5-6	1-4 To 5-6 1-4 To 7-8	1-4 To 5-6 1-4 To 7-8	1500Vrms, 1mA,2S
T1175CE	1:1:1±5%	28uH Min	0.2uH Max	120mΩ Max	2.0dB Max	14.0dB Min	

MECHANICAL DIMENSIONS(unit:mm)



SUGGESTED PAD LAYOUT



• Unless otherwise specified all tolerances are:±0.25mm

SCHEMATICS

