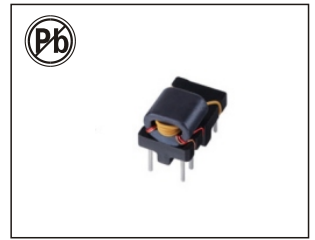


# BROADBAND PLC TRANSFORMER

## T008DG

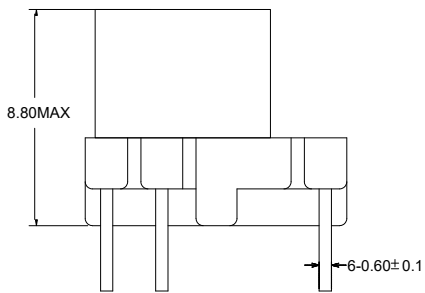
### FEATURES:

- POWER LINE COMMUNICATION TRANSFORMER
- OPERATING TEMPERATURE RANGE: 0°C TO70°C
- STORAGE TEMPERATURE RANGE: -40°C TO +85°C
- ROHS COMPLIANT

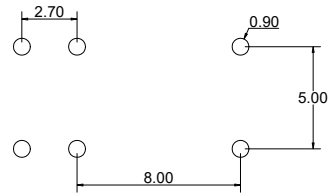


Electrical Specifications @25°C								
Part Number	Turns Ratio		OCL (@10KHz,1V)	LK (@1MHz,0.1V)	DCR			Hi-pot
	P1-6:P3-4	P1-6:2-5	P1-6	P1-6 (short other)	P1-6	P2-5	P3-4	3750VAC 0.5mA/1S
T008DG	1:1±5%	3:1±5%	9.5uH Min	225nH Max	350 mΩ Max	150 mΩ Max	300 mΩ Max	

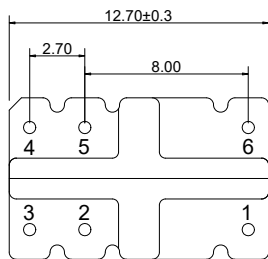
### MECHANICAL



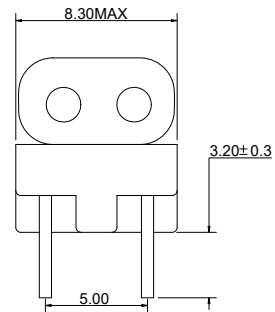
Front View



Recommend PAD layout



Bottom View



Unless otherwise specified all tolerances are:±0.25 in mm

### SCHEMATICS

