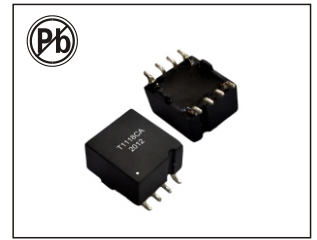


BROADBAND PLC TRANSFORMER

T1118CA

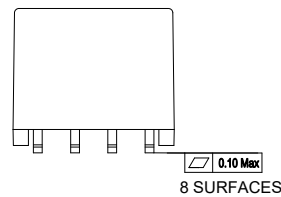
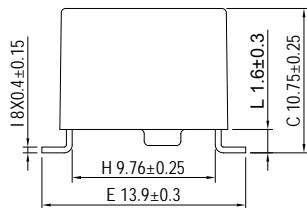
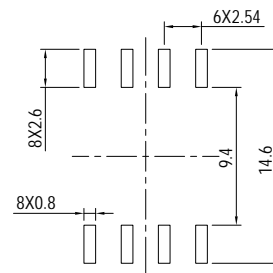
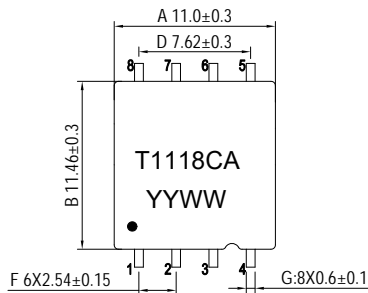
FEATURES:

- OPERATING TEMPERATURE RANGE: -40 °C TO+125 °C
- SURFACE MOUNT DEVICE PROVIDING COMPACT FOOTPRINT
- ROHS COMPLIANT



ELECTRICAL SPECIFICATIONS @25°C						
Part Number	Turns Ratio @100KHz,1V	OCL @100KHz 0.1V	L.L @100KHz 0.1V	DCR @25°C		HI-POT (PLTo TX, TX)
	1-2:3-4:5-6	1-2,3-4,5-6	5-6(short1+2+3+4)	1-2,3-4	5-6	
T1118CA	1:1:1±5%	250uH Min	1.0uH Max	0.4Ω Max	0.5Ω Max	3000Vrms, 1mA,60S
	CWW@100kHz,1V	Insertion loss @0.5-30MHz	Return loss @0.5-30MHz	IR		
	1-5(short2+3)			500VDC		
	15pF Max	-1.0dB MAX	-14dB Min	100MΩ MIN		

MECHANICAL DIMENSIONS



• Unless otherwise specified all tolerances are:±0.25mm

SCHEMATICS

