

SURFACE MOUNT COMMON MODE CHOKES



-  Small surface mount package
-  Designed for 4 wire links, ISDN-S/T and T1/E1/CEPT
-  High frequency choke for EMI reduction
-  Low frequency choke for improved longitudinal balance in ISDN-S/T links

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

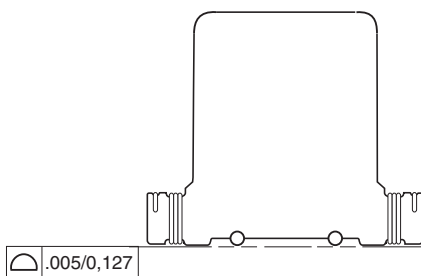
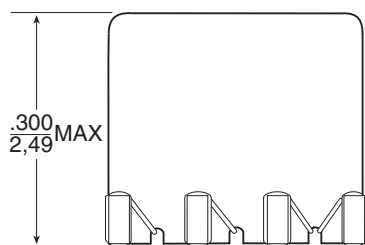
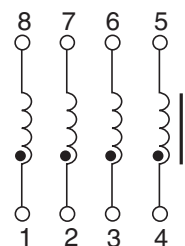
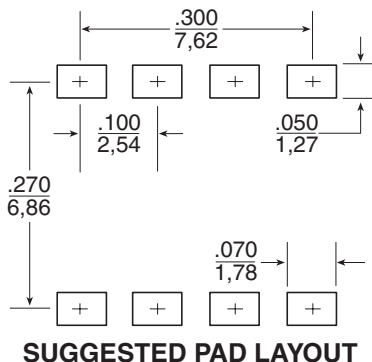
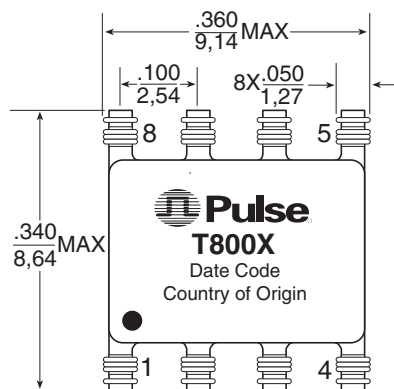
Part Number	OCL Primary (±30%)	L _L Sec (μH MAX)	C _{w/w} (pF MAX)	DCR (Ω MAX)	Isolation (Vrms MIN)
LOW FREQUENCY					
T8005	4.7 mH	2.5	75	1.4	500
HIGH FREQUENCY					
T8006	470 μH	0.9	30	0.6	500

Note: RoHS-6 compliant parts can be ordered by adding a "NL" suffix to the part number (i.e. T8005 becomes T8005NL).

Mechanical

Schematic

HIT



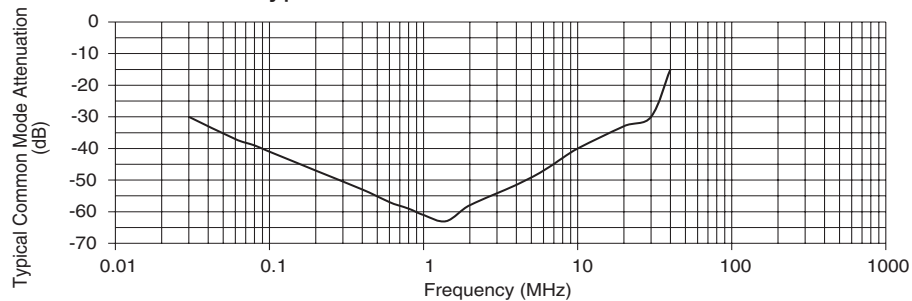
Weight0.7 grams
Tape & Reel450/reel

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0.25}$

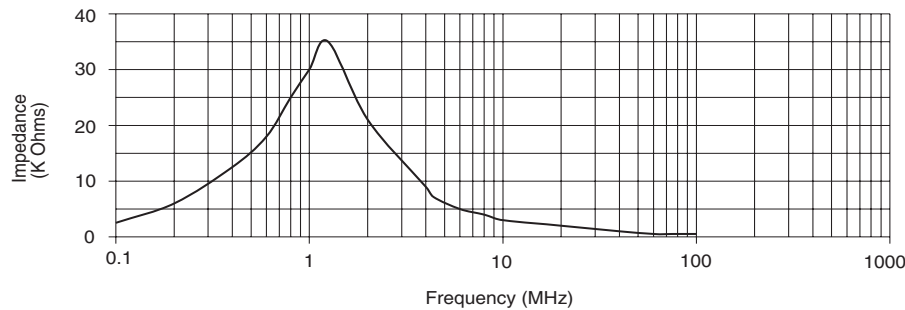
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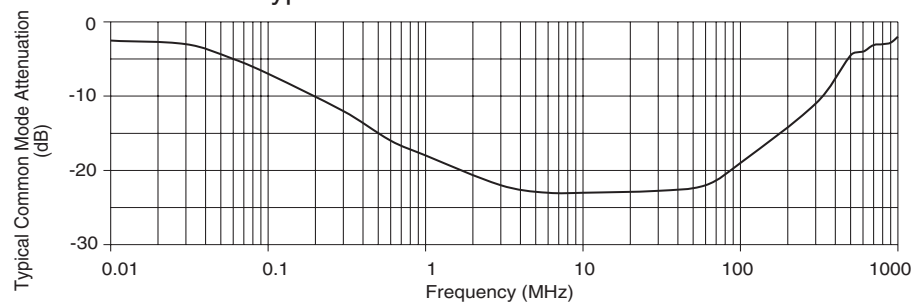
Typical Common Mode Attenuation



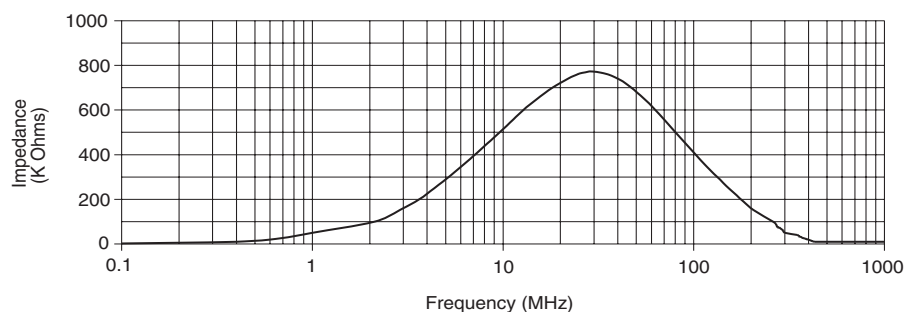
Typical Common Mode Impedance



Typical Common Mode Attenuation



Typical Common Mode Impedance



For More Information:

NOTE: All based on a 50 Ω system.

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