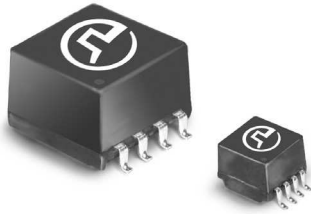


SMT COMMON MODE CHOKES

for PoE Applications



- RoHS-6 peak reflow temperature rating
235°C
- Meets IEEE 802.3 specification
- Storage Temperature:** -55°C to +150°C
- MSL:** 3

Electrical Specifications @ 25°C - Operating Temperature -0°C to +70°C

Part Number	SRF (TYP)	MAX Inter-winding Capacitance (pF)	Leakage Inductance (μH MAX)	OCL (±35%)	DC Resistance (Ω MAX)	Impedance Curves ⁴
PL2477	40 MHz	18	0.20	60 μH	0.35	3

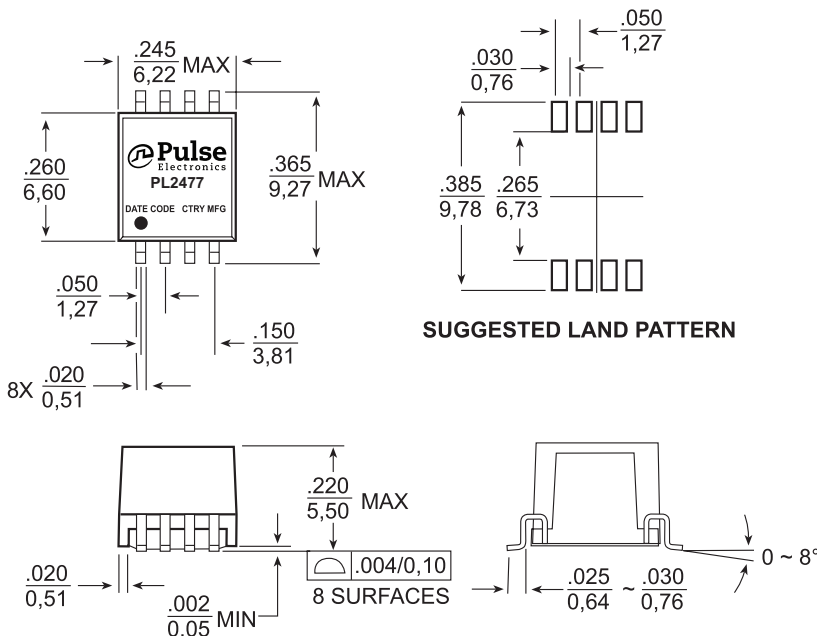
Notes:

1. Turns Ratio: (1 - 4) : (5 - 8) = 1:1 (±3%)
2. Between channel isolation: 500 VAC @ 60 seconds
3. **For Tape & Reel** packaging, add a "T" suffix to the end of the part number when ordering (i. e. **PL2477** becomes **PL2477T**).
4. Eutectic: Sn63/Pb37 Hot Solder Dip Lead Finish
5. SPICE Model Available upon request
6. MTBF: 476.76 Years IAW MIL-HBK-217F Ground Benign Environment

Mechanicals

Schematics

PL2477



Weight0.4 grams
Tape & Reel750
Tube85
Pan Size1

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

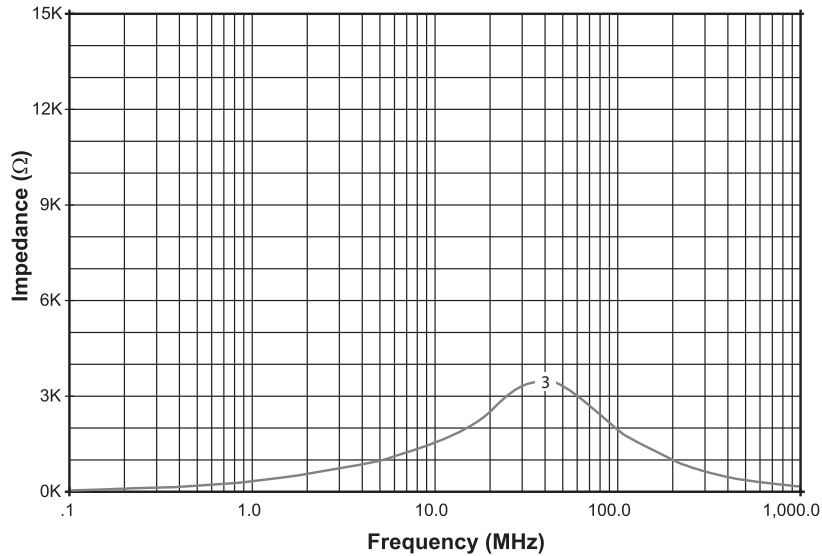
SMT COMMON MODE CHOKES

for PoE Applications



Impedance Curves

PL2477



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