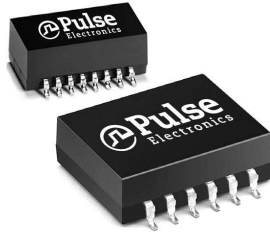
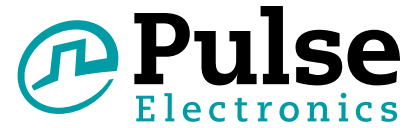


ISOLATION TRANSFORMER FOR 10BASE-T

Military/Aerospace Grade



- Compliant with IEEE 802.3 Specification
- Operating temperature:** -55°C to +125°C
- IC grade transfer-molded package withstands 235°C peak temperature profile

Electrical Specifications @ 25°C

Part Number	Turn Ratio (±5%)	Primary Pins	Primary Inductance OCL (μH MIN)	Primary ET-Constant (V-μs MIN)	Interwinding Capacitance C _{ww} (pF MAX)	Leakage Inductance LL (μH MAX)	DCR (Ω MAX)	Hipot (Vrms)
100B-1005	1:1	1-2/4-5/7-8	60	1.8	12	0.20	0.40	2000
100B-1006	1:1	1-2/4-5/7-8	60	1.8	12	0.20	0.40	2000

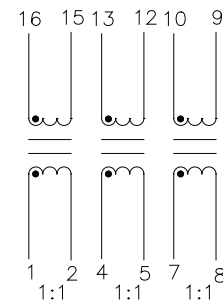
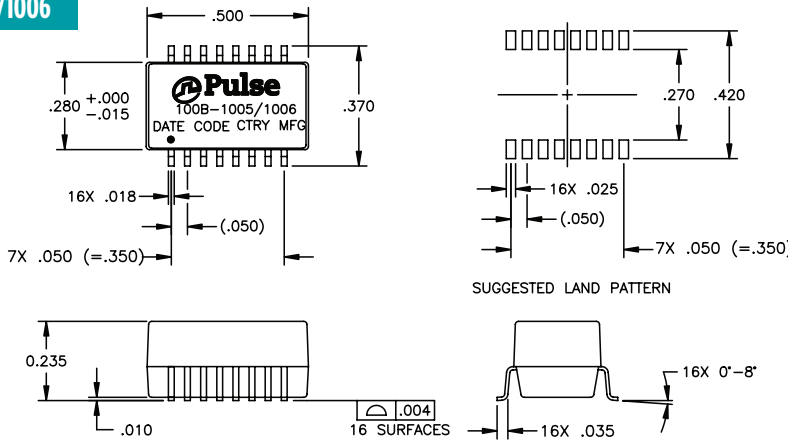
Notes:

- 1) OCL, C_{ww} and LL are measured at 20mVrms,100kHz.
- 2) For Tape & Reel packaging, add the suffix "T" to the end of the part number when ordering. e.g. 100B-1005T.

Mechanicals

Schematic

100B-1005/1006



Weight.....1.70 grams
 Tape & Reel..... 600/reel
 Tube..... 40/tube

Dimensions: Inches
 mm
 Unless otherwise specified,
 all tolerances are ± .010
 .025

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