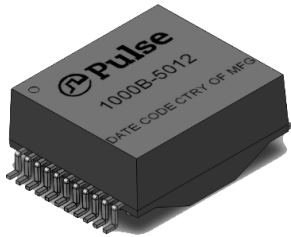


1000BASE-T Transformer Modules

Military/Aerospace Grade



- Compliant with IEEE 802.3 Standard
- 350H OCL with 8mA DC
- Epoxy encapsulated package withstands 235°C peak temperature profile
- MSL: 3

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

Part Number	Inserted Loss (dB MAX)		Return Loss (dB MIN)			Crosstalk (dB MIN)			Differential to Common Mode Rejection (dB MIN)			Hipot (Vrms)
	0.1-100MHz	1-30MHz	60MHz	80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
1000B-5012	-1.2	-18	-12	-10	-8	-43	-37	-33	-43	-37	-30	1500

Notes:

1. OCL are measured at 0.1Vrms, 100kHz with 8mA dc bias @ -40°C to +85°C
2. For Tape & Reel packaging, add the suffix "T" to the end of the part number when ordering (e.g. 1000B-5012T).
3. Storage temperature: -40°C to 125°C

Mechanical

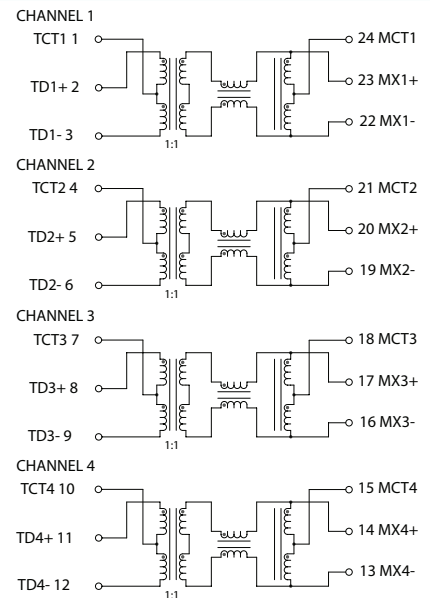
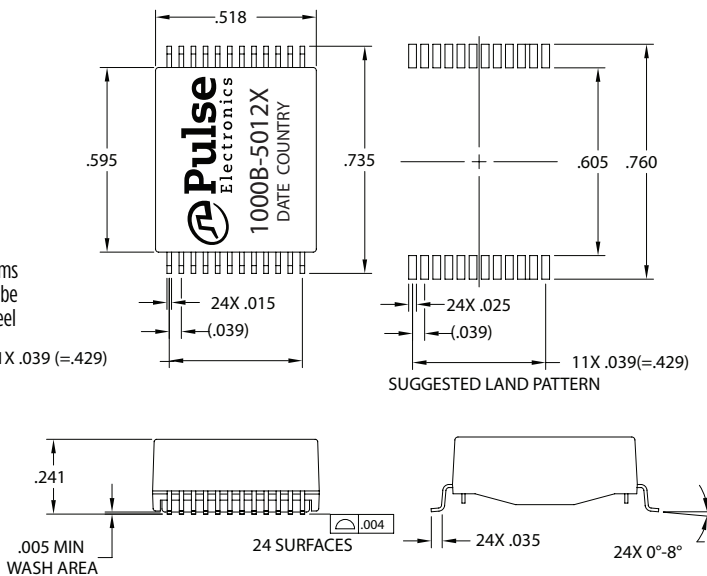
Schematic

1000B-5012

Weight 1.6 grams
 Tube35/tube
 Tape & Reel350/reel

Dimensions: Inches mm
 11X .039 (= .429)

Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$



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