

1000 BASE-T TRANSFORMER MODULES

Military/Aerospace Grade



- Compliant with IEEE802.3 standards
- 350uH OCL with 8mA DC bias
- Operating temperature:** 1000B-5006: -40°C to +85°C
1000B-5006X: -55°C to +125°C
- Epoxy encapsulated package withstands 235°C peak temperature profile

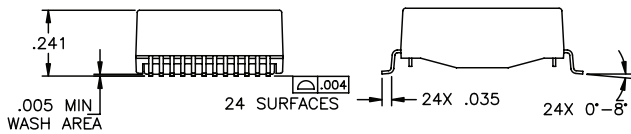
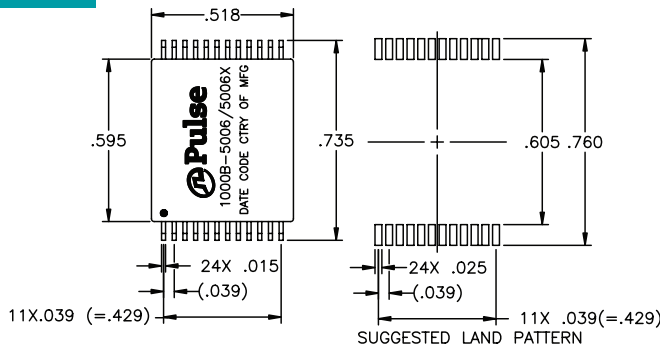
Electrical specification @25°C

Part Number	Insertion Loss (dB MIN)	Return Loss (dB MAX)			Cross Talk (dB MAX)			Differential to Common Mode Rejection (dB MAX)			Hipot (Vrms)	
		0.1-100 MHz	5-30 MHz	50 MHz	60 MHz	80 MHz	30 MHz	60 MHz	100 MHz	1-30 MHz		30-60 MHz
1000B-5006	-1.2	-18	-13	-12	-10	-43	-37	-33	-43	-37	-30	1500
1000B-5006X	-1.4	-18	-13	-12	-10	-43	-37	-33	-43	-37	-33	1500

Mechanicals

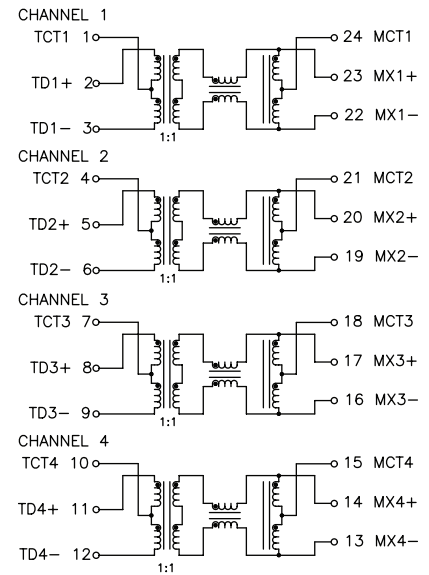
Schematic

100B-5006/X



Weight..... 1.60grams
Tape & Reel..... 350/reel
Tube..... 35/tube

Dimensions: Inches / mm
Unless otherwise specified, all tolerances are ± .010 / 0,25



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