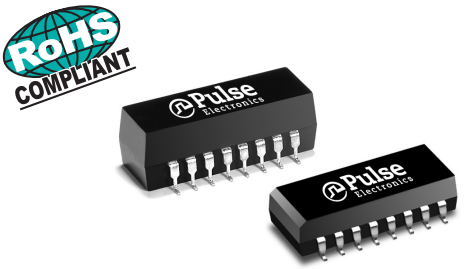
10/100 BASE-TX SINGLE-PORT TRANSFORMER MODULES

Military/Aerospace Grade



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

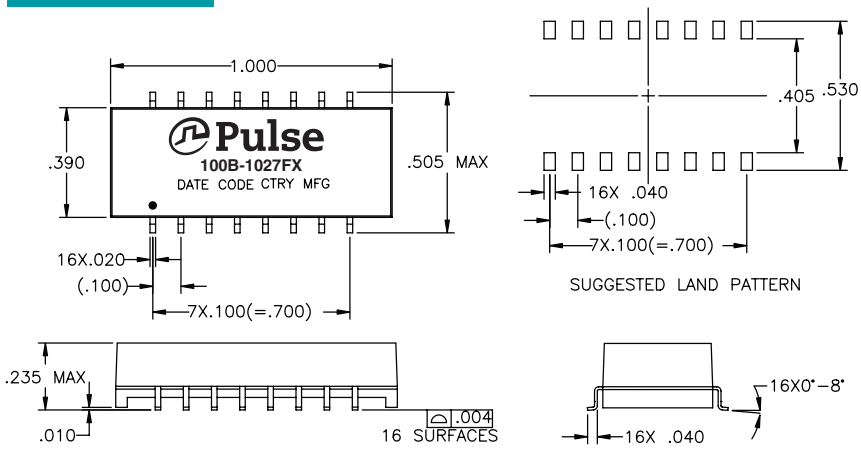
Electrical specification @25°C

Part Number	Insertion Loss (dB MIN)	Return Loss (dB MAX)				Crosstalk (dB MAX)				Differential to Common Mode Rejection (dB MAX)			Common to Common Mode Rejection (dB MAX)		
	0.1-100 MHz	2-30 MHz	50 MHz	60 MHz	80 MHz	1 MHz	30 MHz	60 MHz	100 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-60 MHz	60-100 MHz
100B-1027FX	-1.5	-18	-14	-12	-10	-50	-45	-38	-33	-42	-37	-33	-40	-35	-30

Note: For Tape and Reel packaging, add "T" suffix to the end of the part number; i.e. 100B-1027FXT

Mechanicals

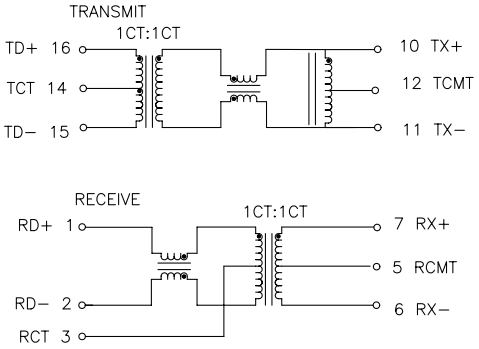
100B-1027FX



Weight..... 3.70grams
Tape & Reel..... 300/reel
Tube..... 20/tube

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

Schematic



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