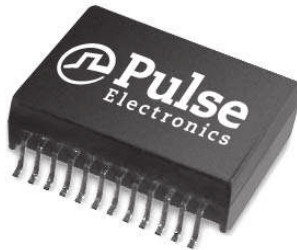
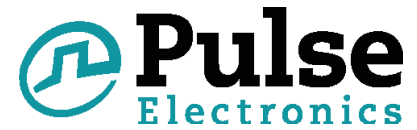









# 10/100BASE-TX DUAL-PORT TRANSFORMER MODULES

Military/Aerospace Grade



-  Compliant with IEEE 802.3u and
-  ANSI X3.263 standards
-  350µH OCL with 8mA bias
-  Operating and storage temperature:  
100B-2002F: -40°C to +85°C  
100B-2002FX: -55°C to +125°C
-  Encapsulated package withstands  
235°C peak temperature profile
-  MSL: 3
-  Lead Finish: Sn63 Pb37

## Electrical Specifications @ 25°C

Part Number	InsertionLoss (dB MAX)	Return Loss (dB MAX)				Crosstalk (dB MIN)				DM to CM Rejection Ratio (dB MAX)		
	0.1-100MHz	2-30MHz	40MHz	50MHz	60-80MHz	1MHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz	60-100MHz
100B-2002F	-1.20	-18	-16	-15	-12	-50	-43	37	-33	-43	-37	-33
100B-2002FX	-1.20	-18	-16	-15	-12	-50	-43	37	-33	-43	-37	-33

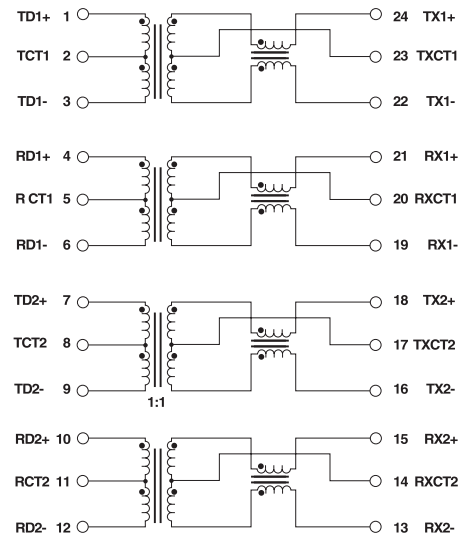
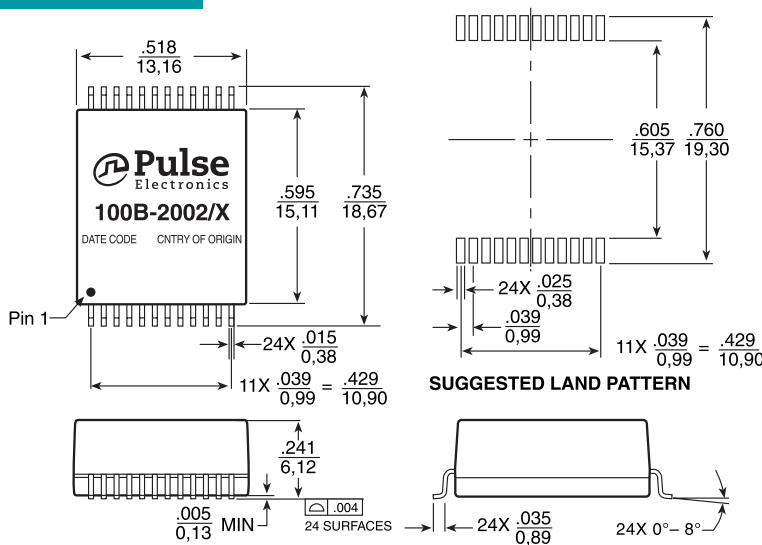
Notes: 1. Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (i.e. 100B-2002F becomes 100B-2002FT). Pulse complies to industry standard tape and reel specification EIA481.

2. Suffix "NL" for RoHS (Sn100 Lead Finish); i.e. 100B-2002FNL

## Mechanical

## Schematic

### 100B-2002F/X



Weight.....3.0 grams  
Tape & Reel.....300/reel  
PanTube.....25/tube

Dimensions: Inches  
mm

Unless otherwise specified,  
all tolerances are ± .010  
0,25

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