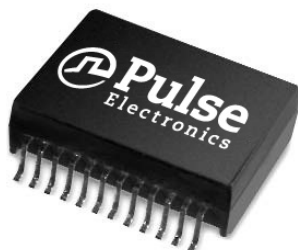
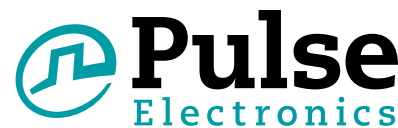


Military/Aerospace Grade



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

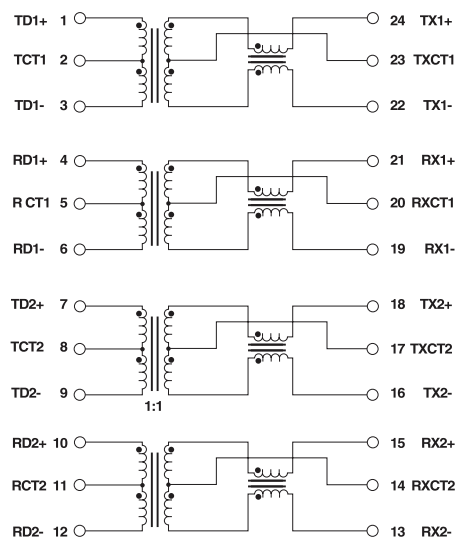
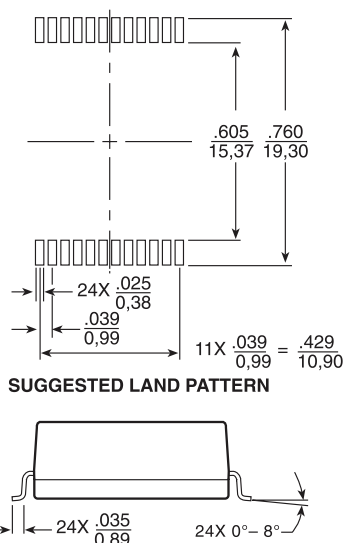
Part Number ³	Insertion Loss (dB MAX)	Return Loss (dB MAX)				Crosstalk (dB MIN)				DM to CM Rejection Ratio (dB MAX)		
	0.1-100MHz	2-30MHz	40MHz	50MHz	60-80MHz	1MHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz	60-100MHz
100B-2002	-1.20	-18	-16	-15	-12	-50	-43	37	-33	-43	-37	-33
100B-2002X	-1.20	-18	-16	-15	-12	-50	-43	37	-33	-43	-37	-33

3. Not for sale in U.S.

Schematic

The drawing shows the mechanical specifications for the 100B-2002/X component. The top view is a square package with a width of .518 inches (13.16 mm). The height is .595 inches (15.11 mm) for the main body and .735 inches (18.67 mm) including the pins. The package is labeled with the Pulse Electronics logo, the part number 100B-2002/X, and fields for DATE CODE and COUNTRY OF ORIGIN. A Pin 1 indicator is shown at the bottom-left corner. The pin pitch is .015 inches (0.38 mm), with 24 pins on each side. The distance from the center of the package to the center of the pins is .039 inches (0.99 mm). The side view shows a thickness of .241 inches (6.12 mm) and a minimum standoff height of .005 inches (0.13 mm). The package is marked with a square symbol and the number 004, indicating 24 surfaces.

SUGGESTED LAND PATTERN



Dimensions: Inches
mm

Unless otherwise specified,
all tolerances are $\pm .010$
0.25

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