



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

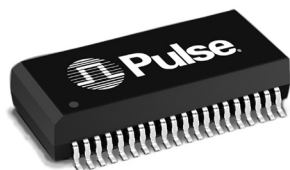
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Military/Aerospace Grade

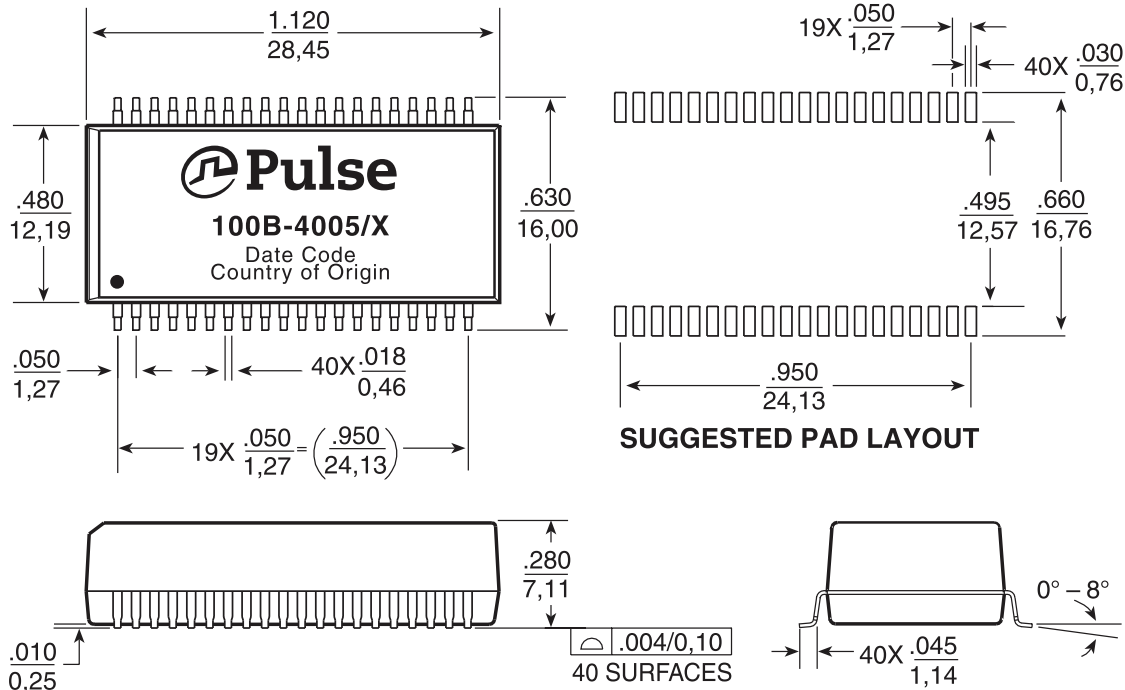


- Compliant with IEEE 802.3u and ANSI X3.263 standards
 - 350μH OCL with 8mA bias
 - Operating and storage temperature:
100B-4005: -40°C to +85°C
100B-4005X: -55°C to +125°C
 - IC grade transfer-molded package withstands 235°C peak temperature profile
- Max Reflow Temperature:** 235°C
 - MSL:** 3

Part Number	Insertion Loss (dB MIN)	Return Loss (dB MAX)				Crosstalk (dB MAX)				Differential to Common Mode Rejection (dB MAX)		
	0.1-100 MHz	2-30 MHz	50 MHz	60 MHz	80 MHz	16 MHz	30 MHz	60 MHz	80 MHz	0.1-30 MHz	30-60 MHz	60-100 MHz
100B-4005	-1.00	-18	-14	-12	-12	-54	-50	-46	-44	TX: -49 RX: -52	TX: -44 RX: -49	TX: -40 RX: -42
100B-4005X	-1.20	-18	-14	-12	-10	-48	-42	-38	-33	TX: -45 RX: -45	TX: -40 RX: -40	TX: -38 RX: -35

Note: Add suffix NL for RoHS compliant part i.e. 100B-4005XNL

100B-4005/X

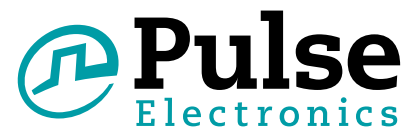


Dimensions: $\frac{\text{Inches}}{\text{mm}}$

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

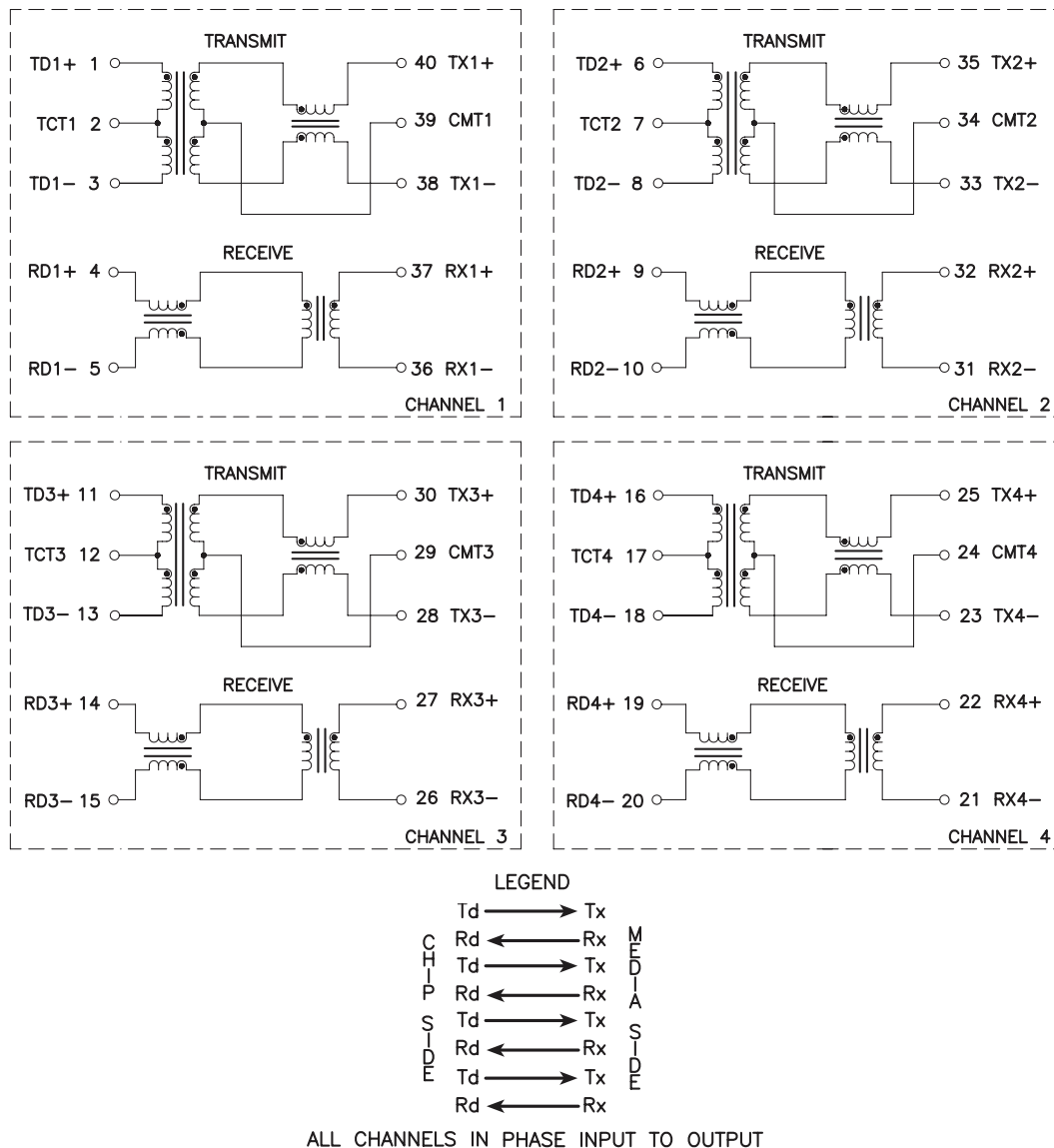
10/100BASE-TX QUAD-PORT TRANSFORMER MODULES

Military/Aerospace Grade



Schematic

100B-4005/X



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