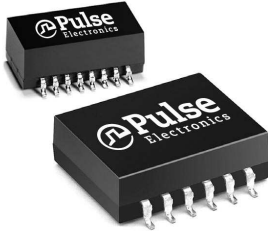


10/100 BASE-TX SINGLE-PORT TRANSFORMER MODULES

Military/Aerospace Grade



- Compliant with IEEE802.3 standards
- 350uH OCL with 8mA DC bias
- Operating temperature: -40°C to +85°C
- IC grade transfer-molded package withstands 235°C peak temperature profile

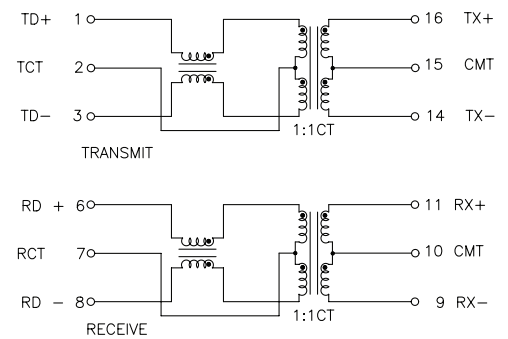
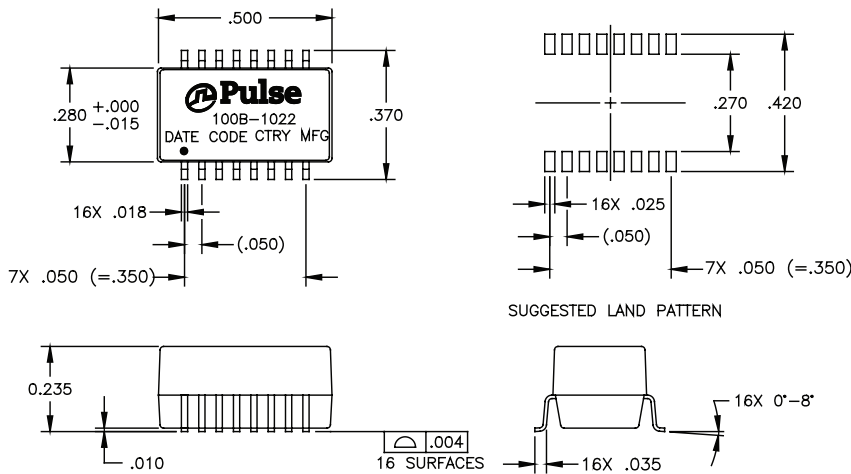
Electrical specification @25°C, Operating temperature: -40°C to +85°C

Part Number	Insertion Loss (dB MIN)	Return Loss (dB MAX)				Crosstalk (dB MAX)				Differential to Common Mode Rejection (dB MAX)		
	0.1-100 MHz	5-30 MHz	50 MHz	60 MHz	80 MHz	16 MHz	30 MHz	60 MHz	100 MHz	5-30 MHz	30-60 MHz	60-100 MHz
100B-1022	-1.0	-20	-14	-14	-12	-48	-45	-40	-35	-42	-37	-32

Mechanicals

Schematic

100B-1022



Weight..... 1.70 grams
 Tape & Reel..... 600/reel
 Tube..... 40/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{.25}$

For More Information

Pulse North America Headquarters
 Two Pearl Buck Court
 Bristol, PA 19007
 U.S.A.

Pulse Europe
 Einsteinstrasse 1
 D-71083 Herrenberg
 Germany

Pulse China Headquarters
 B402, Shenzhen Academy of
 Aerospace Technology Bldg.
 10th Kejinan Road
 High-Tech Zone
 Nanshan District
 Shenzhen, PR China 518057

Pulse North China
 Room 2704/2705
 Super Ocean Finance Ctr.
 2067 Yan An Road West
 Shanghai 200336
 China

Pulse South Asia
 135 Joo Seng Road
 #03-02
 PM Industrial Bldg.
 Singapore 368363

Pulse North Asia
 3F, No. 198
 Zhongyuan Road
 Zhongli City
 Taoyuan County 320
 Taiwan R. O. C.
 Tel: 886 3 4356768
 Fax: 886 3 4356823 (Pulse)
 Fax: 886 3 4356820 (FRE)

Tel: 215 781 6400
 Fax: 215 781 6403

Tel: 49 7032 7806 0
 Fax: 49 7032 7806 135

Tel: 86 755 33966678
 Fax: 86 755 33966700

Tel: 86 21 62787060
 Fax: 86 2162786973

Tel: 65 6287 8998
 Fax: 65 6287 8998

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners. © Copyright, 2012. Pulse Electronics, Inc. All rights reserved.