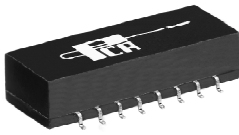


10/100Base-TX Interface Module with Enhanced Common Mode Attenuation EPF8107G



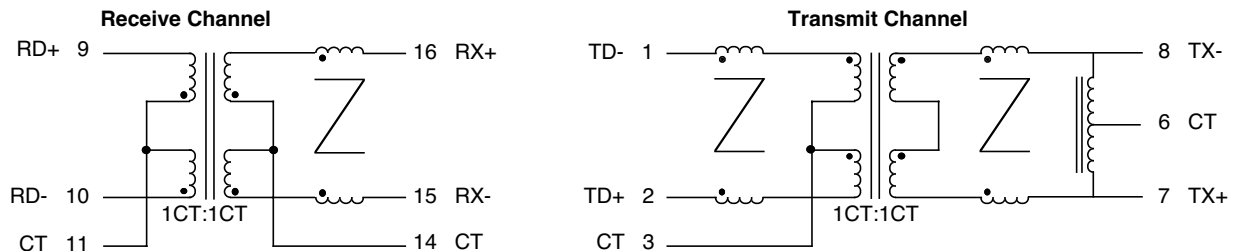
- Guaranteed to operate with 8 mA DC Bias at 70°C
- Robust construction to meet IR/VP soldering processes
- Complies with or exceeds IEEE 802.3, 10BT/100BX Standards

Electrical Parameters @ 25° C

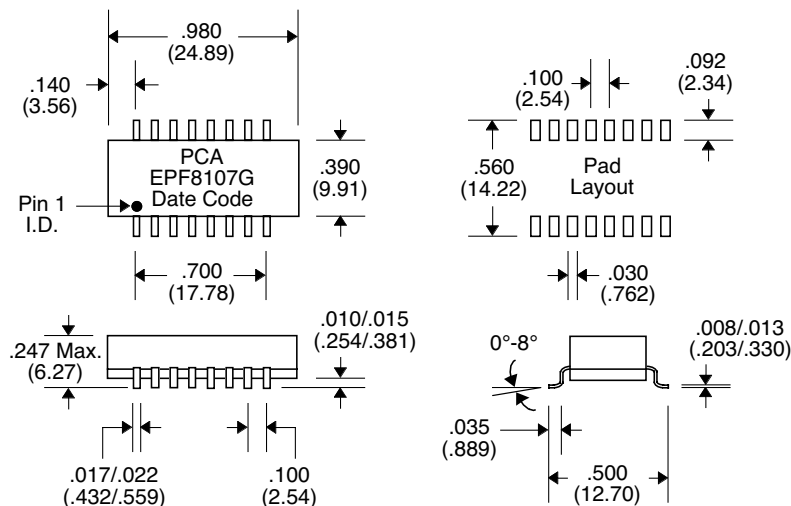
OCL @ 70°C	Insertion Loss (dB Max.)	Return Loss (dB Min.)			Common Mode Rejection (dB Min.)			Crosstalk (dB Min.)
100 KHz, 0.1 Vrms 8 mA DC Bias	1-80 MHz	1-30 MHz	30-60 MHz	80-100 MHz	1-30 MHz	30-100 MHz	100-500 MHz	1-100 MHz
Cable Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	
350 μH	-1/-1	-18/-18	-12/-12	-10/-10	-40/-40	-35/-30	-10/-10	-35

• Isolation : 1500 Vrms • Impedance : 100 Ω • Rise Time : 3.0 nS Max. • Crosstalk : Between Channels •

Schematic



Package



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25