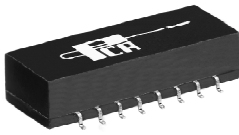


10/100Base-TX Interface Module with Enhanced Common Mode Attenuation

EPF8182G



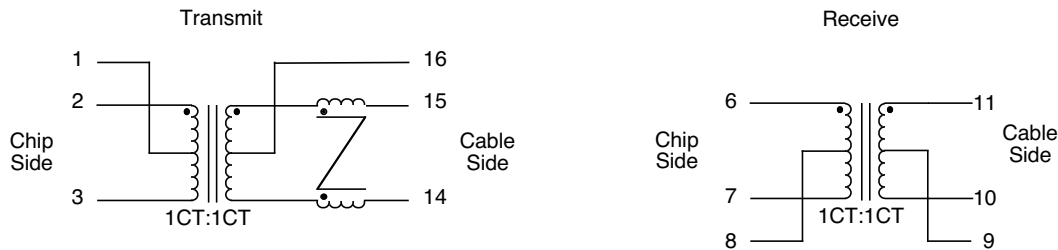
- Optimized for SSI578Q2120 (when connected per appropriate schematic)
- Complies with or exceeds IEEE 802.3, 10/100Base-TX Standards
- Guaranteed to operate with 8 mA DC Bias at 70°C

Electrical Parameters @ 25° C

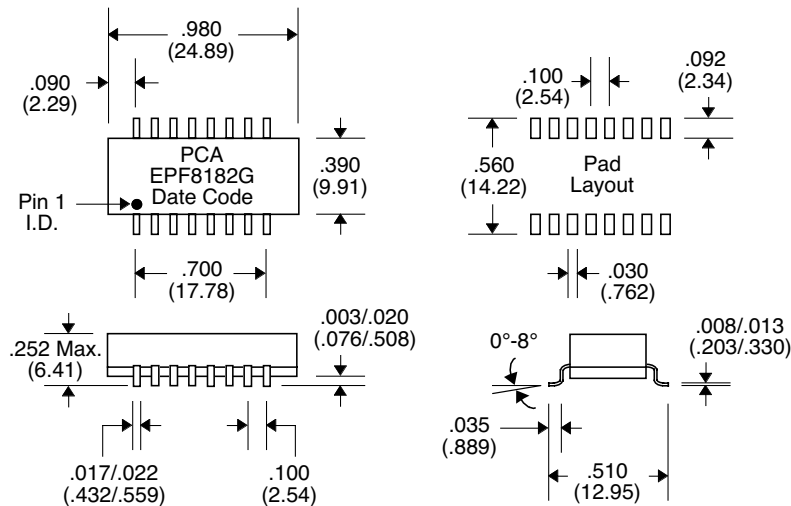
OCL (@ 70°C)	Insertion Loss (dB Max.)			Return Loss (dB Min.)			Common Mode Rejection (dB Min.)				Crosstalk* (dB Min.)
	1-80 MHz	80-100 MHz	100-150 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-100 MHz	100-200 MHz	200-500 MHz	
100 KHz, 0.1 Vrms 8 mA DC Bias	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit	Xmit	Xmit	Xmit	
Cable Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit	Xmit	Xmit	Xmit	
350 μ H	-1/-1	-1/-1	-3.5/-3	-18/-18	-12/-12	-10/-10	-40	-35	-30	-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 \pm .010 / .25