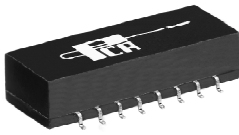


# 10/100Base-TX Interface Module with Enhanced Common Mode Attenuation

## EPF8186AG



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

### Electrical Parameters @ 25° C

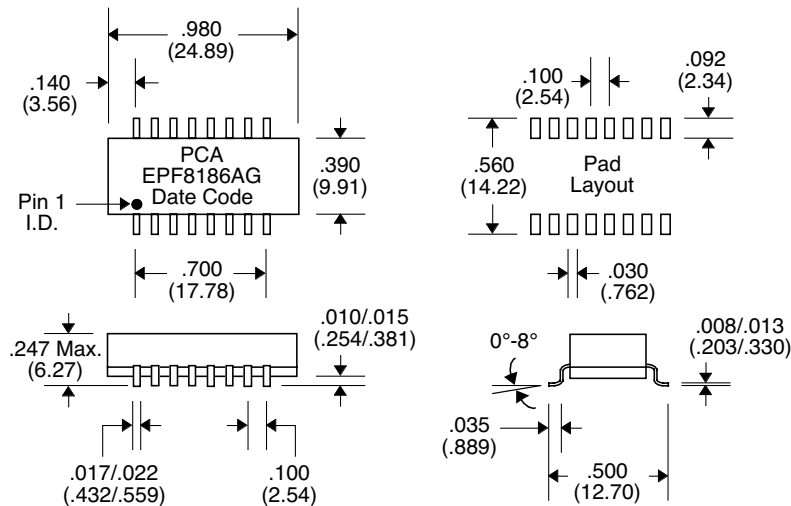
OCL @ 70°C	Insertion Loss (dB Max.)			Return Loss (dB Min.)			Common Mode Rejection (dB Min.)				Crosstalk* (dB Min.)	
	1-80 MHz	80-100 MHz	150 MHz	1-30 MHz	30-60 MHz	60-100 MHz	1-30 MHz	30-100 MHz	100-200 MHz	200-500 MHz		
100 KHz, 0.1 Vrms 8 mA DC Bias												
<b>Cable Side</b>	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	
350 μH	-1/-1	-1/-1	-3.5/-3	-18/-18	-12/-12	-10/-10	-45/-45	-35/-35	-30/-20	-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