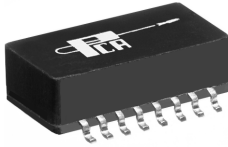


10/100Base-TX Interface Module with Enhanced Common Mode Attenuation EPF8143S



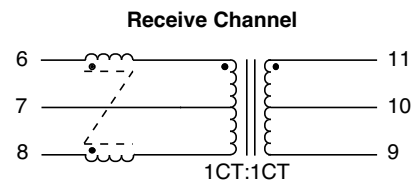
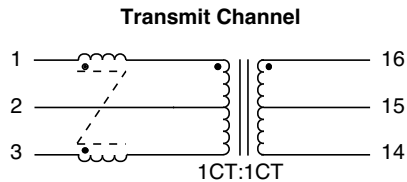
- Recommended to Enable 40C331, Broadcom BCM5201, BCM5202 & Level ONE LXT970 when connected per appropriate schematic
- Designed to operate from 0°C to +70°C @ 8 mA DC Bias
- Complies with or exceeds IEEE 802.3 & ANSI X3.263 Standards

Electrical Parameters @ 25° C

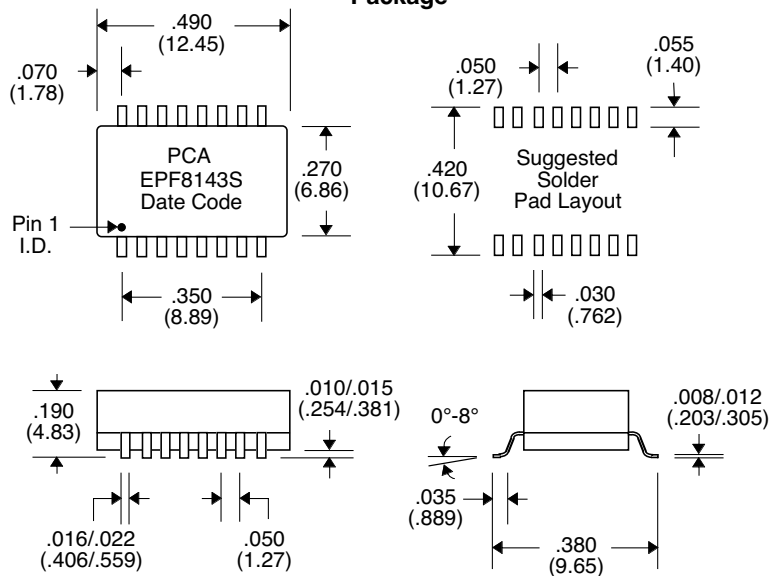
OCL @ 70°C	Insertion Loss (dB Max.)		Return Loss (dB Min.)			Common Mode Rejection (dB Min.)			Crosstalk (dB Min.)
100 KHz, 0.1 Vrms 8 mA DC Bias	.1-100 MHz	150 MHz	1-30 MHz	60 MHz	100 MHz	1-30 MHz	30-100 MHz	100-500 MHz	1-100 MHz
	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	
350 μ H	-1/-1	-3/-3	-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. •

Schematic



Package



Unless Otherwise Specified Dimensions are in Inches /mm $\pm .010 / .25$