

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

## EPF8187SE & EPF8187SE-RC

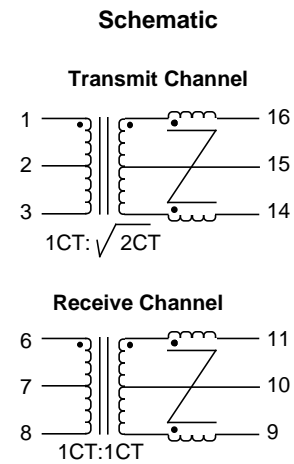
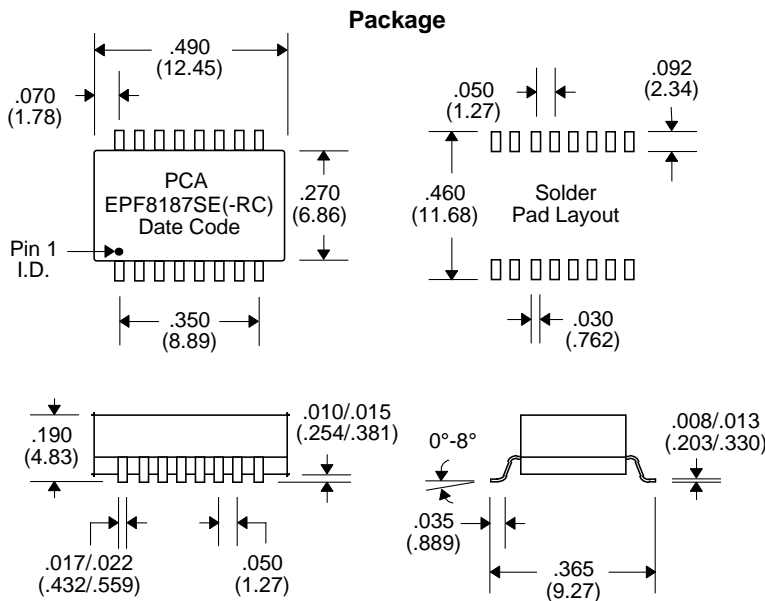


- Designed to operate from -40°C to +85°C @ 8 mA DC Bias
- Complies with or exceeds IEEE 802.3, 10/100Base-TX Standards
- Add "-RC" after part number for RoHS Compliant
- Storage Temperature : -40°C to +125°C

### Electrical Parameters @ 25° C

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

• Isolation : 1500 Vrms • Impedance : 100 • Rise Time : 3.0 nS Max. •



Notes :	EPF8187SE	EPF8187SE-RC
1. Lead Finish	SnPb	Hot Dipped Sn or SAC
2. Peak Temperature Rating	225°C	245°C
3. Moisture Sensitive Levels	MSL = 3 (168 Hours, 30°C/60%RH)	MSL = 4 (72 Hours, 30°C/60%RH)
4. Weight	1 gram	1 gram
5. Packaging Information	(Tube) 40 pieces/tube	40 pieces/tube
	(Tape & Reel) 650 pieces/13" reel	650 pieces/13" reel

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