

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

EPF8196F2 & EPF8196F2-RC

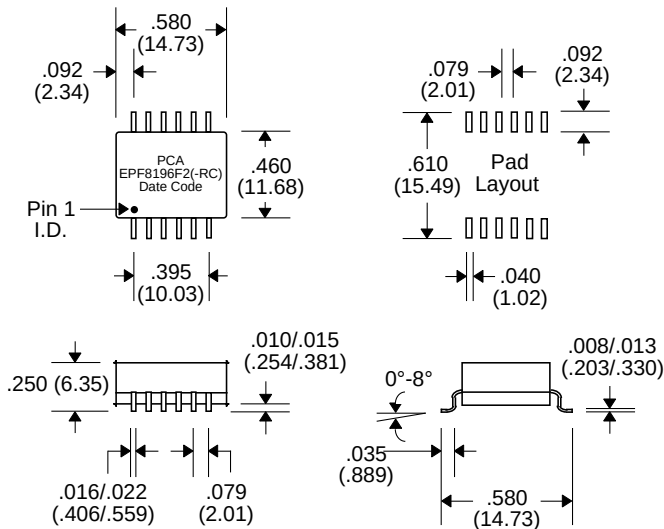
- Guaranteed to operate with 8 mA DC Bias at 70°C
- Complies with or exceeds IEEE 802.3, 10/100Base-TX Standards
- Add "-RC" after part number for RoHS Compliant
- Storage Temperature : -40°C to +125°C
- Operating Temperature : 0°C to +70°C

Electrical Parameters @ 25° C

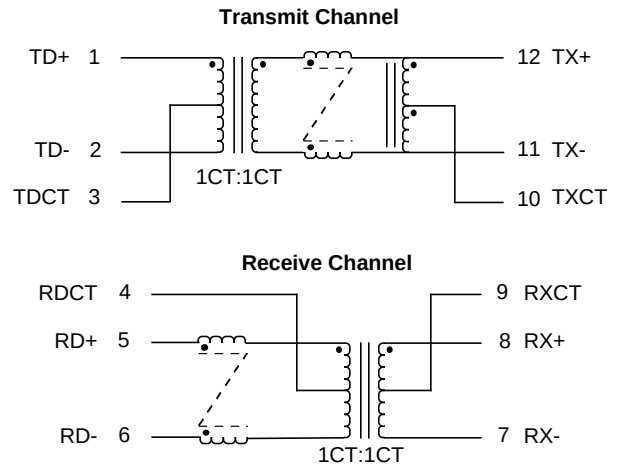
OCL @ 70°C	Insertion Loss (dB Max.)		Return Loss (dB Min.)			Common Mode Rejection (dB Min.)			Crosstalk (dB Min.)
100 KHz, 0.1 Vrms 8 mA DC Bias	1-80 MHz	150 MHz	1-30 MHz	60 MHz	80 MHz	1-30 MHz	30-100 MHz	100-500 MHz	1-100 MHz
Cable Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv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

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

Package



Schematic



Notes :	EPF8196F2	EPF8196F2-RC
1. Lead Finish	SnPb	Hot Tin Dip (Sn) †
2. Peak Temperature Rating	225°C	245°C
3. Moisture Sensitive Levels	MSL = 3 (168 Hours, E30°C/60%RH)	MSL = 4 (72 Hours, E30°C/60%RH)
4. Weight	2.24 grams	2.24 grams
5. Packaging Information (Tube)	36 pieces/tube	36 pieces/tube
(Tape & Reel)	TBD pieces/13" reel	TBD pieces/13" reel

† Lead Material : Ni Barrier over Cu

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