

10/100Base-TX Quad Module

EPF8183SE & EPF8183SE-RC



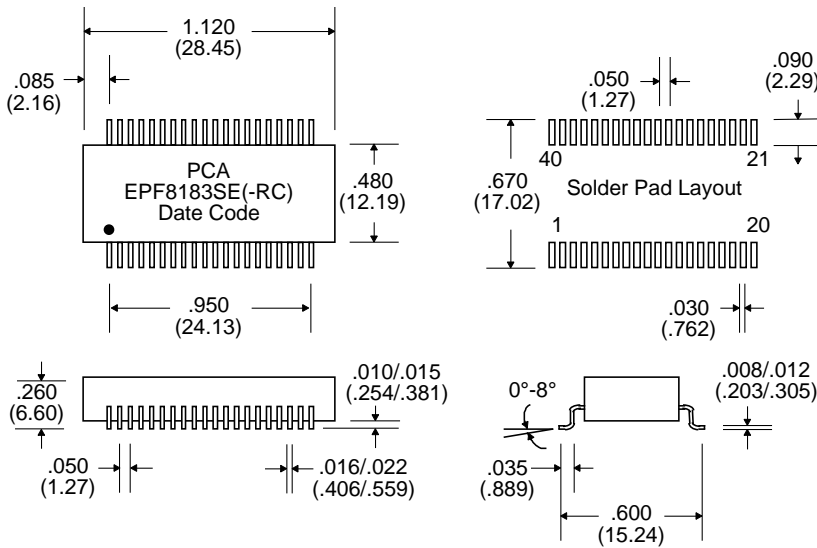
- Operating Temperature : -40°C to +85°C
- Significantly Improved Common Mode Attenuation
- Complies with or exceeds IEEE 802.3, 10/100Base-TX Standards
- Add "-RC" after part number for RoHS Compliant

Electrical Parameters @ 25° C

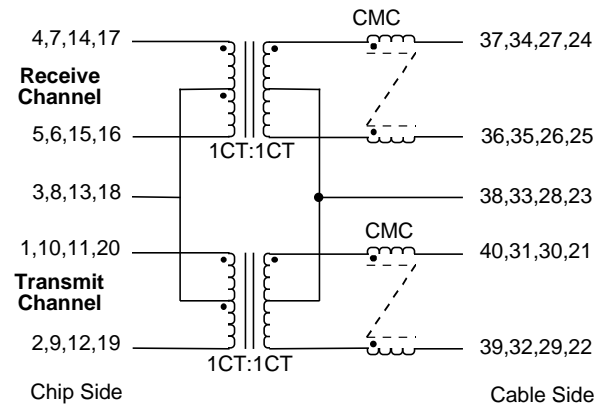
OCL (µH Min.)	Insertion Loss (dB Max.)		Return Loss (dB Min.)			Common Mode Rejection (dB Min.)				Crosstalk (dB Min.)
	1-100 MHz	150 MHz	30 MHz	30-60 MHz	60-80 MHz	@ 30 MHz	@ 100 MHz	@ 200 MHz	300-500 MHz	
100 KHz, 0.1 Vrms 8 mA DC Bias										
Cable Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	
350	-1/-1	-3/-3	-18/-18	-16/-16	-14/-14	-35/-35	-25/-25	-25/-25	-10/-10	-38

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

Package



Schematic



Notes :	EPF8183SE	EPF8183SE-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, 30°C/60%RH)	MSL = 4 (72 Hours, 30°C/60%RH)
4. Weight	5.2 grams	5.2 grams
5. Packaging Information (*Add "TR" to end of part number, but in front of "-RC" when placing order)	(Tube)	18 pieces/tube
	(Tape & Reel)	350 pieces/13" reel (*EPF8183SETR)
		18 pieces/tube 350 pieces/13" reel (*EPF8183SETR-RC)

† Lead Material : Matte Tin with Ni Barrier

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