

# 10/100Base-TX Module for Dual-Port Applications

## EPF8135S & EPF8135S-RC



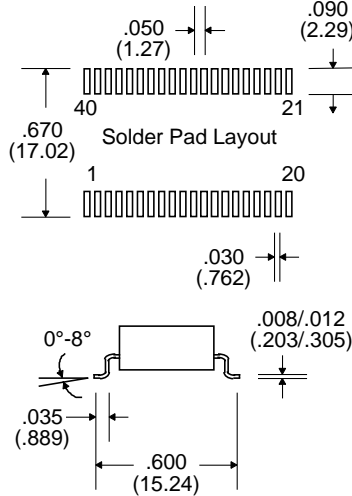
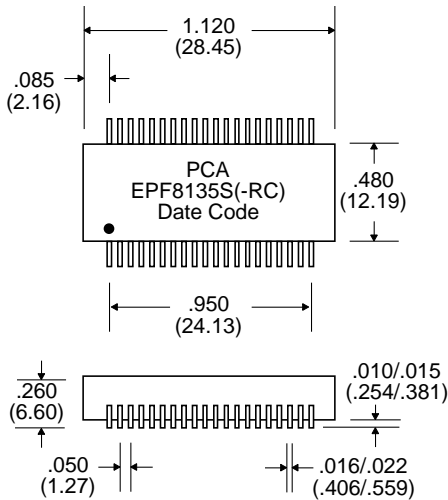
- Recommended for use with Level One LXT974, LXT975, LXT98, LXT981, LXT982 & LXT983
- Complies with or exceeds IEEE 802.3, 10/100Base-TX Standards
- Guaranteed to operate with 8 mA DC Bias at 70°C
- Add "-RC" after part number for RoHS Compliant
- Transfer Molded Part

### Electrical Parameters @ 25° C

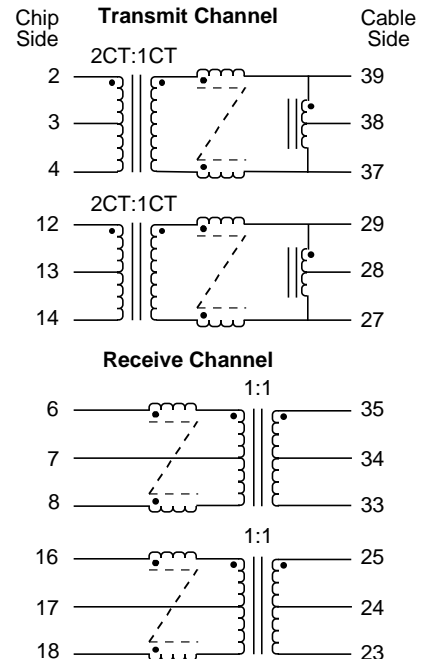
OCL @ 70°C	Insertion Loss (dB Max.)	Return Loss (dB Min.)			Common Mode Rejection (dB Min.)				Crosstalk (dB Min.)
		1-30 MHz	80 MHz	100 MHz	1-100 MHz	200 MHz	300 MHz	500 MHz	
100 KHz, 0.1 Vrms 8 mA DC Bias	0.1-100 MHz	1-30 MHz	80 MHz	100 MHz	1-100 MHz	200 MHz	300 MHz	500 MHz	0.1-100 MHz
Media Side	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	
350 µH	-1/-1	-18/-18	-12/-12	-9/-9	-30/-25	-25/-20	-20/-10	-15/---	-30

• Isolation : 1500 Vrms • Cable Side Impedance : 100 •

### Package



### Schematic



Notes :	EPF8135S	EPF8135S-RC
1. Lead Finish	SnPb	Hot Dipped 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	5.5 grams	5.5 grams
5. Packaging Information	(Tube)	18 pieces/tube
	(Tape & Reel)	350 pieces/13" reel

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