

## EPR1540SE & EPR1540SE-RC

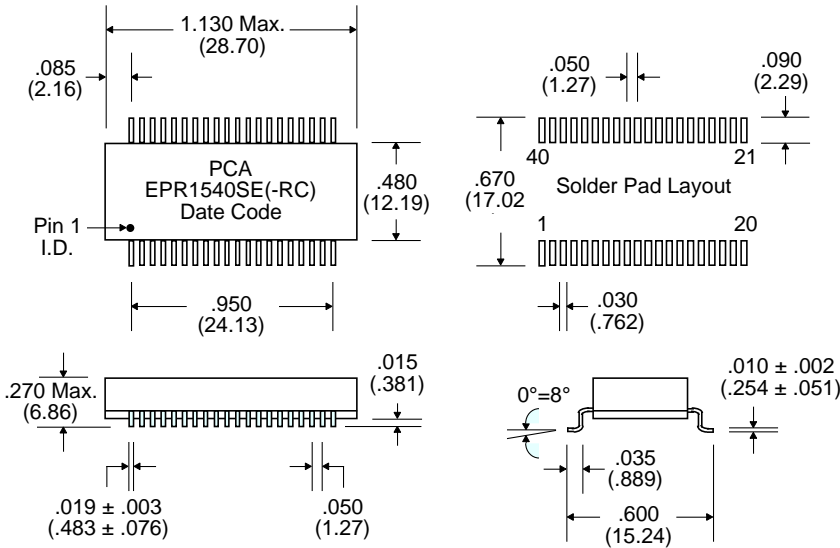
- Optimized for PMC-Sierra's PM4318 OCTLIU
- Quad Port Transformer Module with IC Side Protection Circuit
- Add "-RC" after part number for RoHS Compliant
- Operating Temperature : -40°C to +85°C
- Low Profile Surface Mount Package
- 1500 Vrms Isolation Minimum

### Electrical Parameters @ 25°C

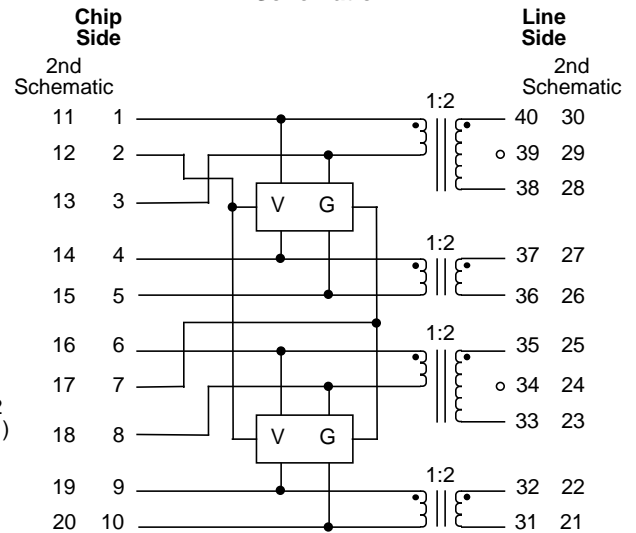
OCL (mH Min..)	Cw/w (pF Max.)	Le (µH Max.)	Return Loss (dB Min.)						DCR ( Max.)		CMRR (dB Min.)	Crosstalk (dB Min.)
			50 KHz-100 KHz		100 KHz-2 MHz		2 MHz-3 MHz		Pri.	Sec.		
			Xmit	Rcv	Xmit	Rcv	Xmit	Rcv				0.1-10 MHz
Line Side	Xmit/Rcv	Xmit/Rcv							Pri.	Sec.		
<b>1.2</b>	<b>30</b>	<b>0.50</b>	<b>-9</b>	<b>-12</b>	<b>-15</b>	<b>-18</b>	<b>-11</b>	<b>-14</b>	<b>0.40</b>	<b>0.80</b>	<b>-50</b>	<b>-50</b>

- Longitudinal Balance : 1Per FCC Part 68
- Crosstalk : Between Channels

### Package



### Schematic



Notes :	EPR1540SE	EPR1540SE-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	TBD grams	TBD grams
5. Packaging Information (Tube)	TBD pieces/tube	TBD pieces/tube
(*Add "TR" to end of part number, but in front of "-RC" when placing order) (Tape & Reel)	TBD pieces/13" reel (*EPR1540SETR)	TBD pieces/13" reel (*EPR1540SETR-RC)

† Lead Material : Matte Tin with Ni Barrier

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