

# T1/E1/CEPT/ISDN Interface Transformer EPR1412SE & EPR1412SE-RC

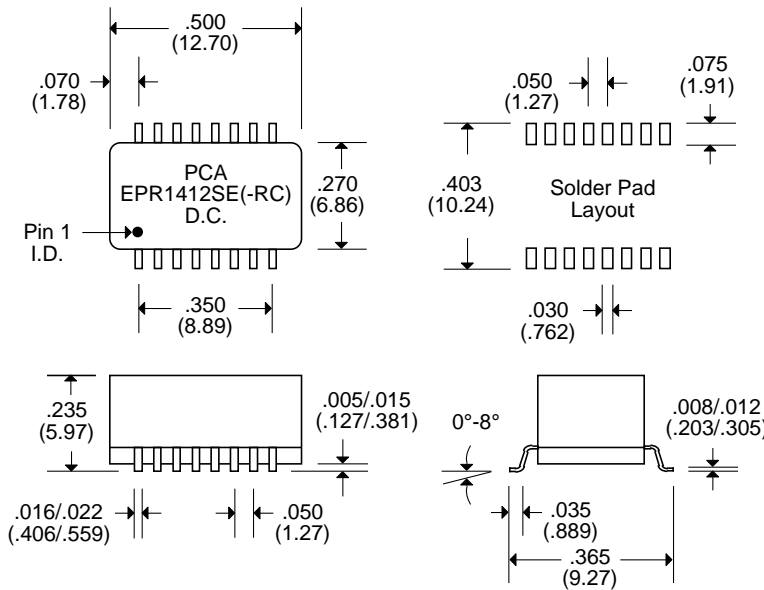


- Transmit and Receive in one SMD Package
- Add "-RC" after part number for RoHS Compliant
- Operating Temperature : -40°C to +85°C
- 1500 Vrms Isolation

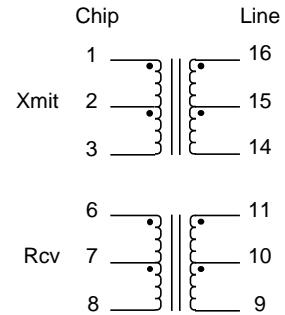
### Electrical Parameters @ 25°C

Primary Inductance (mH Min.)		Leakage Inductance (µH Max.)	Interwinding Capacitance (pF Max.)	Turns Ratio (Tol. ± 2%)				DCR (Max.)		Crosstalk (dB Typ.) 0.5-5 MHz
1	1	1.0	35	1CT:2.4	1CT:2	1CT:1	1CT:.79	0.8	0.8	-60
Pins 1-3	Pins 6-8	Pins 1-3 & 6-8 w/ 16-14 & 11-9 shorted	Pins 16-14 to 1-3 6-8 to 11-9	Pins 1-3:16-14	Pins 1-3:16-15	Pins 6-8:11-9	Pins 6-8:11-10	Pins 1-3	Pins 6-8	Xmit to Rcv

### Package



### Schematics



Notes :	EPR1412SE	EPR1412SE-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 (*EPR1412SETR)	TBD pieces/13" reel (*EPR1412SETR-RC)

† Hot tin dipped over Matte Tin with Ni Barrier

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