

# 10Base-T Isolation Transformer

## EPE6045SE & EPE6045SE-LF

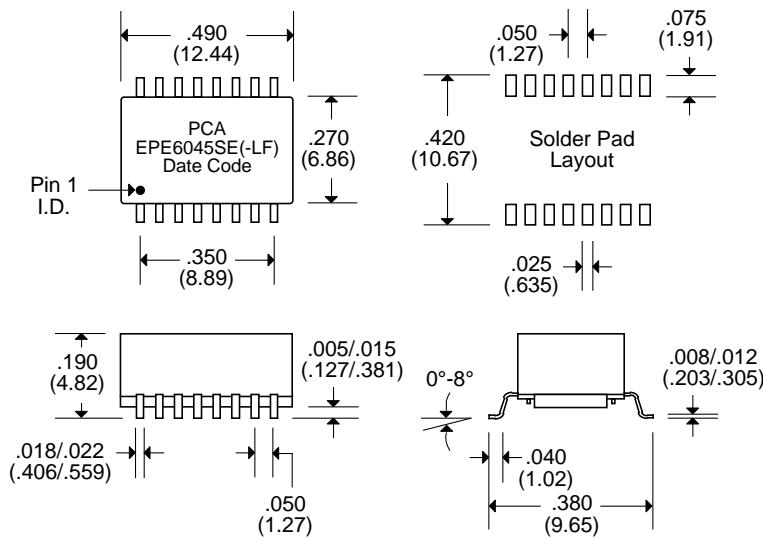
- Meets or exceeds IEEE 802.3 10Base-T Requirements
- Add "-LF" after part number for Lead-Free
- Operating Temperature -40°C to +85°C
- 1500 Vrms Isolation

### Electrical Parameters @ 25° C

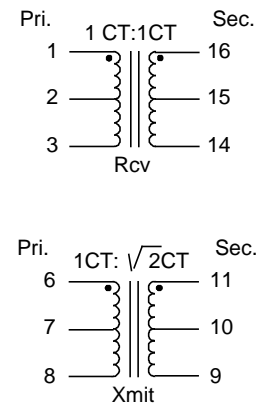
Primary Inductance (μH Min.) †	Interwinding Capacitance (pF Max.)	Leakage Inductance (μH Max.)	Insertion Loss (dB Min.) @ 1-10 MHz	Return Loss (dB Min.) @ 5-10 MHz	Crosstalk (dB Min.) @ 1-10 MHz	Primary DCR ( Max.)
140	15	0.4	-1	-18	-40	0.4
Pins 1-3 & 6-8	Xmit & Rcv	Pins 1-3 & 6-8	Xmit & Rcv	Xmit & Rcv	Xmit & Rcv	Pins 1-3 & 6-8

• † 140 μH Min. over the temperature range of -40°C to +85°C •

### Package



### Schematic



Notes :	EPE6045SE	EPE6045SE-RC
1. Lead Finish	SnPb	Hot Dipped Sn or SAC
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	0.7 grams	0.7 grams
5. Packaging Information	(Tube) TBD pieces/tube	TBD pieces/tube
	(Tape & Reel) TBD pieces/13" reel	TBD pieces/13" reel

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