

T1/E1 Isolation Transformer

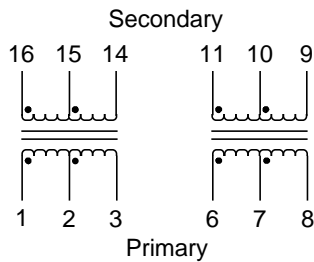
EPR1097SE

- Dual Surface Mount in small (SOIC) package •
- Optimized for Leading Transceiver I.C.'s •
- Meets or exceeds UL1459, UL1950 & EN60950 Standards •
 - 1500 Vrms Isolation •
 - Operating Temp. -40°C to +85°C •

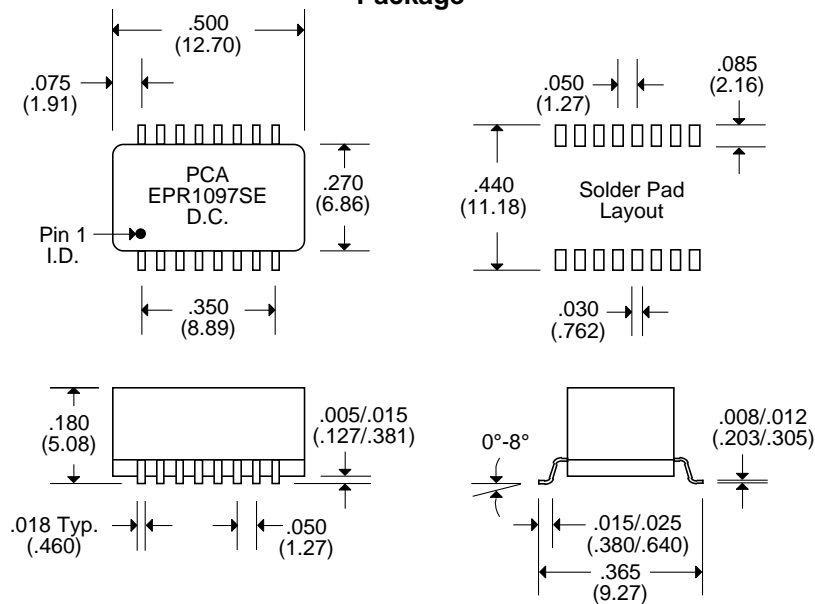
Electrical Parameters @ 25° C

| Primary Inductance (mH Typ.) | Leakage Inductance (μH Max.) | Interwinding Capacitance (pF Max.) | Turns Ratio (± 2%) | | Primary DCR (Max.) | Crosstalk (dB Typ.) |
|---------------------------------|---------------------------------|---------------------------------------|-----------------------|---------------|------------------------|------------------------|
| | | | Pins 1-3:16-14 | Pins 6-8:11-9 | | |
| Pins 1-3 | | Primary | Pins 1-3:16-14 | Pins 6-8:11-9 | | (0.5-5 MHz) |
| 1.5 | 0.5 | 35 | 1CT : 2CT | 1CT : 2CT | 0.8 | -60 |

Schematic



Package



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