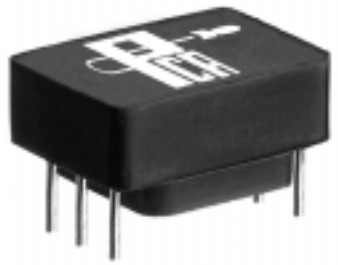
# T1/CEPT/ISDN-PRI
# Interface Transformers

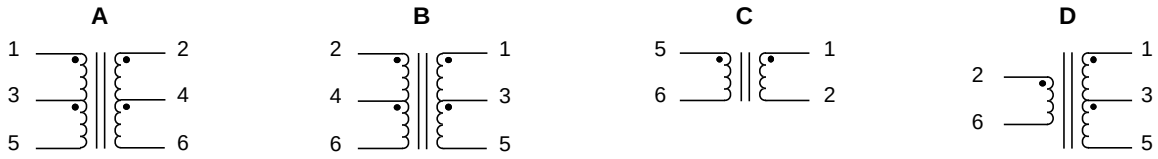


- Extended Operation Temperature: -40°C to +85°C
- Optimizied for Leading Transceiver I.C.'s
- Meets or exceeds UL1459, UL1950 & EN60950 Standards
- 1500 Vrms Isolation
- See Selection Guide for I.C. Cross Reference

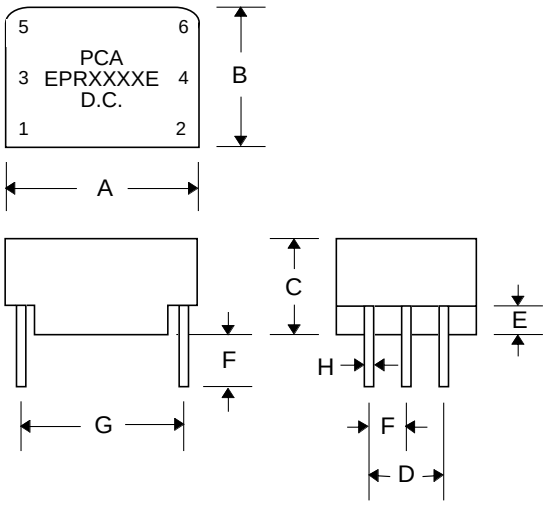
## Electrical Parameters @ 25° C

| Part Number | Turns Ratio | OCL (mH Min.) | Cw/w (pF Max.) | LI (µH Max.) | Pri. DCR (Ω Max.) | Sec. DCR (Ω Max.) | Schematic |
|---|---|---|---|---|---|---|---|
| EPR1011E | 1:1.36 | 1.2 | 35 | 0.8 | 0.9 | 1.2 | C |
| EPR1012E | 1:1.15CT | 1.5 | 40 | 0.8 | 0.9 | 1.0 | D |
| EPR1013E | 1CT:2CT | 1.2 | 50 | 0.6 | 1.0 | 2.0 | B |
| EPR1014E | 1CT:1CT | 1.2 | 40 | 1.0 | 1.0 | 1.0 | A |
| EPR1015E | 1CT:3CT | 1.2 | 60 | 0.8 | 0.9 | 2.7 | A |
| EPR1016E | 1:1/1.26 | 1.5 | 50 | 0.8 | 0.9 | 1.1 | D |

## Schematic




## Package




## Dimensions

| Dim. | (Inches) Min. | Max. | Nom. | (millimeters) Min. | Max. | Nom. |
|---|---|---|---|---|---|---|
| A | .480 | .500 | .490 | 12.19 | 12.70 | 12.45 |
| B | .340 | .360 | .350 | 8.64 | 9.14 | 8.89 |
| C | .230 | .250 | .240 | 5.84 | 6.35 | 6.10 |
| D | --- | --- | .200 | --- | --- | 5.08 |
| E | .075 | .085 | .080 | 1.90 | 2.16 | 2.03 |
| F | --- | --- | .100 | --- | --- | 2.54 |
| G | .395 | .405 | .400 | 10.03 | 10.29 | 10.16 |
| H | .017 | .023 | .020 | .432 | .584 | .508 |
| I | .120 | .140 | .130 | 3.05 | 3.56 | 3.30 |

PCA ELECTRONICS, INC.
16799 SCHOENBORN ST.
NORTH HILLS, CA 91343



Product performance is limited to specified parameters. Data is subject to change without prior notice.

TEL: (818) 892-0761
FAX: (818) 894-5791
http://www.pca.com