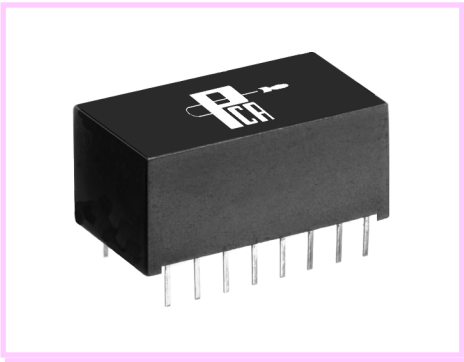


ISDN-S Interface Transformers

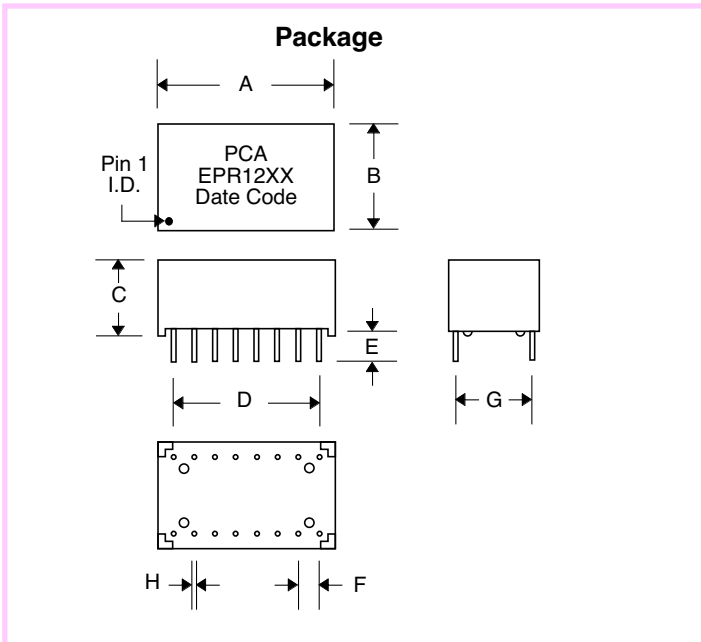
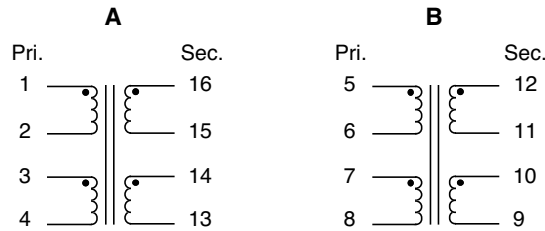


- Optimized for Leading Transceiver I.C.'s •
- Meets CCITT 1.430 Four Wire "S" Interface •
- Meets or exceeds UL1459, UL1950 & EN60950 Standards •
 - 2000 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

Electrical Parameters @ 25° C

| Part Number | Turns Ratio | OCL (mH Min.) | Cw/w (pF Max.) | LI (μH Max.) | Pri. CD (pf Max.) | Pri. DCR (Ω Max.) | Sec. DCR (Ω Max.) | Schematic |
|-------------|---------------|---------------|----------------|--------------|-------------------|-------------------|-------------------|-----------|
| EPR1226 | 1:1 / 1:1 | 22 | 100 | 5 | 42 | 2.4 | 2.4 | A |
| EPR1227 | 1:1 / 1:2 | 22 | 100 | 15 | 160 | 2.5 | 4.2 | A |
| EPR1228 | 1:2 / 1:2 | 22 | 100 | 15 | 80 | 2.5 | 4.3 | B |
| EPR1229 | 1:2.5 / 1:2.5 | 22 | 100 | 30 | 150 | 2.5 | 5.8 | B |

Schematic



Dimensions

| Dim. | (Inches) | | | (millimeters) | | |
|------|----------|------|------|---------------|-------|-------|
| | Min. | Max. | Nom. | Min. | Max. | Nom. |
| A | .900 | .920 | .910 | 22.86 | 23.37 | 23.11 |
| B | .540 | .560 | .550 | 13.72 | 14.22 | 13.97 |
| C | .380 | .400 | .390 | 9.65 | 10.16 | 9.91 |
| D | --- | --- | .700 | --- | --- | 17.78 |
| E | .110 | .150 | .130 | 2.79 | 3.81 | 3.30 |
| F | --- | --- | .100 | --- | --- | 2.54 |
| G | .395 | .405 | .400 | 10.03 | 10.29 | 10.16 |
| H | .024 | .027 | .025 | .610 | .686 | .635 |