# ISDN S - Interface Low Profile SMT Dual Transformer

## EPA3490G

• Meets Pulse Waveform Template of CCITT 1.430 •
with recommended Chip Pair AT&T/Lucent T7250/6/9
and Motorola MC145474/5

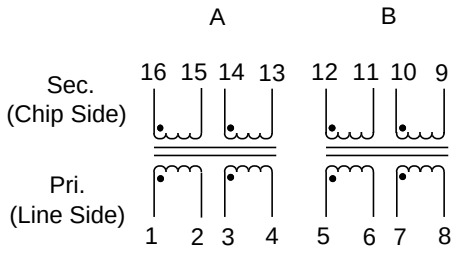
• 2000 Vrms Isolation •

• Operating Temp. 0°C - 70°C •

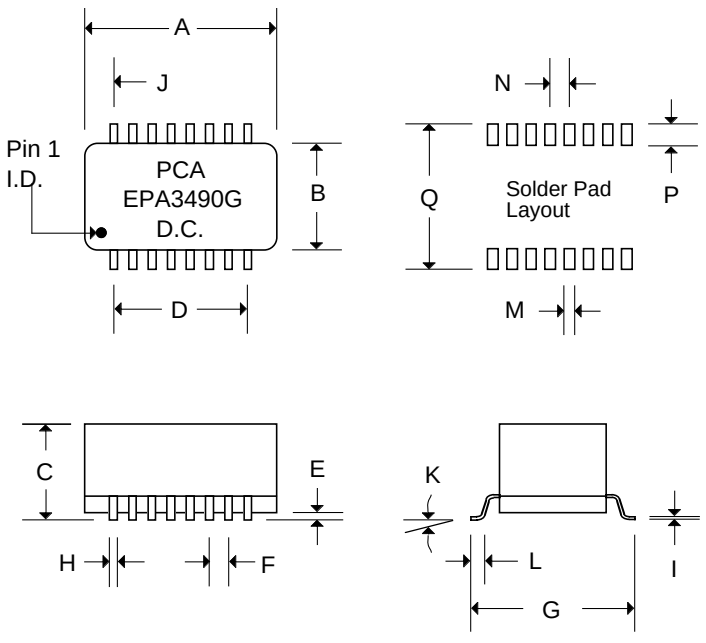
### Electrical Parameters @ 25° C

| OCL (mH Min.) | Leakage Inductance (µH Max.) | Interwinding Capacitance (pF Max.) | Distributed Capacitance (pF Max.) | Turns Ratio (Pri : Sec ±2%) | I dc (mA Max.) | DCR (Ω ±25%) | |
|---|---|---|---|---|---|---|---|
| Pins 1-4,5-8 (Pri.) | A &B (Sec.) | A&B | A &B (Pri.) | A & B | A & B | Pri | Sec |
| 22 | 40 | 100 | 110 | 1:2.5 | 1 | 2.4 | 5.3 |

### Schematic




### Package




### Dimensions

| Dim. | (Inches) Min. | Max. | Nom. | (Millimeters) Min. | Max. | Nom. |
|---|---|---|---|---|---|---|
| A | .930 | .950 | .940 | 23.62 | 24.14 | 23.88 |
| B | .570 | .590 | .580 | 14.48 | 14.99 | 14.73 |
| C | .280 | .300 | .290 | 7.11 | 7.62 | 7.37 |
| D | --- | --- | .700 | --- | --- | 17.78 |
| E | .005 | .015 | .010 | .127 | .381 | 0.26 |
| F | --- | --- | .100 | --- | --- | 2.54 |
| G | .680 | .700 | .690 | 17.28 | 17.78 | 17.53 |
| H | .018 | .022 | .020 | .457 | .559 | 0.51 |
| I | --- | --- | .010 | --- | --- | 0.26 |
| J | --- | --- | .120 | --- | --- | 3.05 |
| K | 0° | 8° | --- | 0° | 8° | --- |
| L | .025 | .045 | .035 | .635 | 1.14 | 0.89 |
| M | | | .030 | --- | | .762 |
| N | | | .100 | | | 2.54 |
| P | | | .085 | | | 2.16 |
| Q | | | .750 | | | 19.05 |


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



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