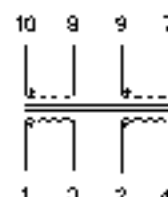


- Matched to Globespan ADSL chip •
- Excellent THD •
- 3000 Yrms Minimum Isolation •
- Surface Mount Package •
- Operating Temperature -40°C to +85°C •

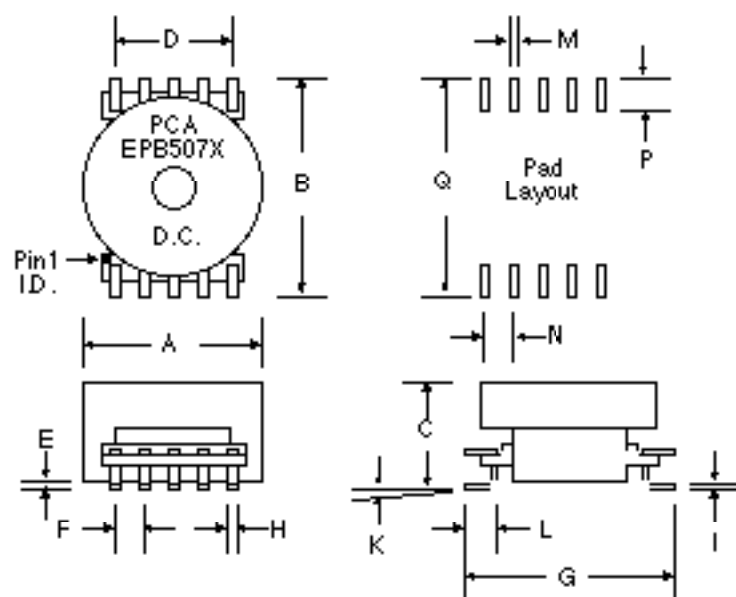
## Electrical Parameters @ 25°C

| PCA Part Number | Inductance<br>( $\mu\text{H} \pm 10\%$ ) | Leakage<br>Inductance<br>( $\mu\text{H Max.}$ ) | Turns Ratio<br>Chip : Line<br>( $\pm 2\%$ ) | Longitudinal<br>Balance<br>(dB Typ.) | Insertion Loss<br>(dB Max) | DCR<br>( $\Omega$ Max.)      |
|-----------------|------------------------------------------|-------------------------------------------------|---------------------------------------------|--------------------------------------|----------------------------|------------------------------|
|                 | Pins 1-4 w/<br>Pins 2-3 shunted          |                                                 |                                             |                                      |                            | (1-3),(2-4),<br>(10-8),(9-7) |
| EP 09070        | 940                                      | 10                                              | 1.4:1.4:1:1                                 | -62                                  | -3                         | 1.2                          |
| EP 09071        | 410                                      | 10                                              | 1:1:1:1                                     | -62                                  | -3                         | 0.9                          |

## Schematic



## Package



## Dimensions

| Dim. | (Inches) |      |      | (Millimeters) |       |       |
|------|----------|------|------|---------------|-------|-------|
|      | Min.     | Max. | Nom. | Min.          | Max.  | Nom.  |
| A    | --       | .960 | .940 | --            | 24.10 | 23.99 |
| B    | --       | --   | 1.00 | --            | --    | 25.40 |
| C    | --       | .500 | .490 | --            | 12.70 | 12.45 |
| D    | .595     | .605 | .600 | 15.11         | 15.37 | 15.24 |
| E    | .019     | .029 | .029 | .480          | 1.90  | .990  |
| F    | .145     | .155 | .150 | 3.68          | 3.94  | 3.91  |
| G    | 1.06     | 1.09 | 1.07 | 26.92         | 27.40 | 27.19 |
| H    | --       | --   | .042 | --            | --    | 1.07  |
| I    | --       | --   | .015 | --            | --    | .391  |
| K    | 0°       | 9°   | --   | 0°            | 9°    | --    |
| L    | --       | --   | .140 | --            | --    | 3.98  |
| M    | --       | --   | .050 | --            | --    | 1.35  |
| N    | --       | --   | .190 | --            | --    | 3.91  |
| P    | --       | --   | .195 | --            | --    | 3.94  |
| Q    | --       | --   | 1.15 | --            | --    | 29.21 |