

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

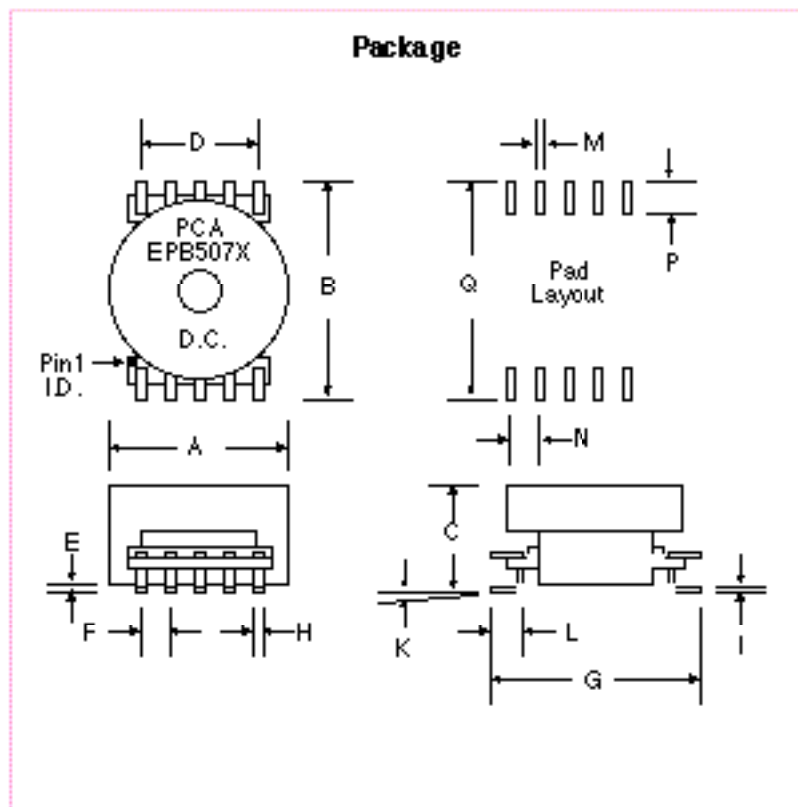
Electrical Parameters @ 25°C

| PCA Part Number | Inductance (µH ± 10%) | Leakage Inductance (µH Max.) | Turns Ratio Chip : Line (±2%) | Longitudinal Balance (dB Typ.) | Insertion Loss (dB Max.) | DCR (Ω Max.) |
|-----------------|-------------------------------|------------------------------|-------------------------------|--------------------------------|--------------------------|-----------------------------|
| | Pins 1-4 w/ Pins 2-3 shrouded | | | | | (1-3), (2-4), (10-8), (9-7) |
| EPB5070 | 940 | 10 | 1.4:1.4:1:1 | -62 | -0 | 1.2 |
| EPB5071 | 410 | 10 | 1:1:1:1 | -62 | -0 | 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 | 12.46 |
| D | .595 | .605 | .600 | 15.11 | 15.37 | 15.24 |
| E | .019 | .029 | .029 | .490 | 1.90 | .990 |
| F | .145 | .195 | .190 | 3.68 | 4.94 | 4.91 |
| 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 | -- | -- | 3.96 |
| M | -- | -- | .050 | -- | -- | 1.35 |
| N | -- | -- | .190 | -- | -- | 4.91 |
| P | -- | -- | .195 | -- | -- | 4.94 |
| Q | -- | -- | 1.15 | -- | -- | 29.21 |