

Home Phone Networking Analog Magnetics Module

EPB5039G



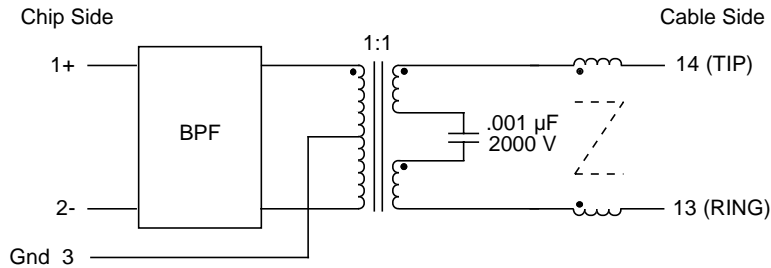
- Robust construction allows for reflow processes •
- Temperature Range -40°C to +85°C •

Electrical Parameters @ 25° C

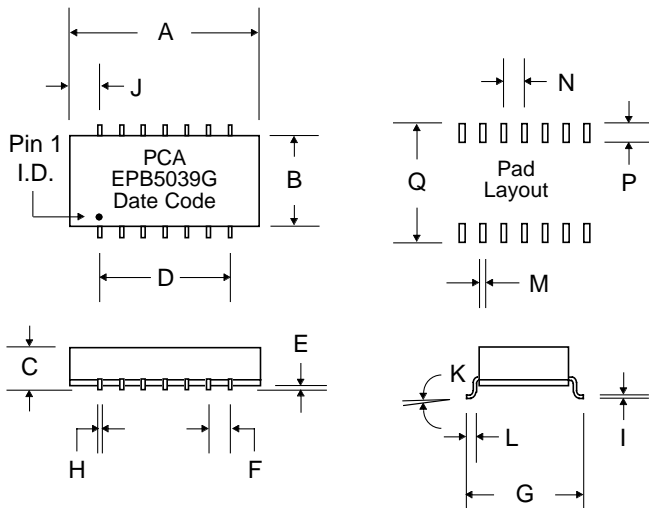
| Cut-off Frequency | | Insertion Loss (dB Max.) | Return Loss (dB Min.) | Attenuation (dB Min.) | |
|-------------------|----------------|--------------------------|-----------------------|-----------------------|----------|
| Lower Band MHz | Upper Band MHz | 6.0-9.0 MHz | 6.0-9.0 MHz | @ 1 MHz | @ 27 MHz |
| 5-5.8 | 9-10 | -3 | -12 | -60 | -55 |

- Characteristic Filter Impedance : 100 Ω • Isolation : 1500 Vrms •

Schematic



Package



Dimensions

| Dim. | (Inches) | | | (Millimeters) | | |
|------|----------|-------|-------|---------------|-------|-------|
| | Min. | Max. | Nom. | Min. | Max. | Nom. |
| A | .990 | 1.010 | 1.00 | 25.15 | 25.65 | 25.40 |
| B | .470 | .490 | .480 | 11.94 | 12.45 | 12.19 |
| C | .250 | .270 | .260 | 6.35 | 6.86 | 6.60 |
| D | --- | --- | .600 | --- | --- | 15.24 |
| E | .010 | .015 | .0125 | .254 | .381 | .318 |
| F | --- | --- | .100 | --- | --- | 2.54 |
| G | .590 | .610 | .600 | 14.99 | 15.49 | 15.24 |
| H | .016 | .022 | .018 | .406 | .559 | .457 |
| I | .008 | .012 | .010 | .203 | .305 | .254 |
| J | --- | --- | .200 | --- | --- | 5.08 |
| K | 0° | 8° | 4° | 0° | 8° | 4° |
| L | .025 | .045 | .035 | .635 | 1.14 | .889 |
| M | --- | --- | .030 | --- | --- | .762 |
| N | --- | --- | .100 | --- | --- | 2.54 |
| P | --- | --- | .090 | --- | --- | 2.29 |
| Q | --- | --- | .670 | --- | --- | 17.02 |