

Common Mode Choke

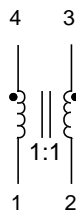
EPZ3016G-X

- Distortion free removal of noise from transmitted signals •
- Common mode filter for transmission of high quality signals •
- Reduces the common-mode noise from PCs, phone equipment, etc •
 - Operating Temperature Range : -25°C to +85°C •
 - Isolation : 125 Vdc •

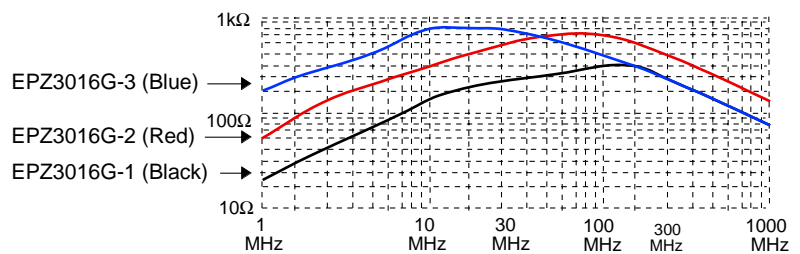
Electrical Parameters @ 25° C

| DCR (Ω Max.) | Impedance (Ω Min.) +5°C to +35°C | Insulation Resistance (M Ω Min) |
|-------------------------|--|---|
| | 20 to 300 MHz | @ 100 VDC for 1 min. |
| 0.06 | 200 | 100 |

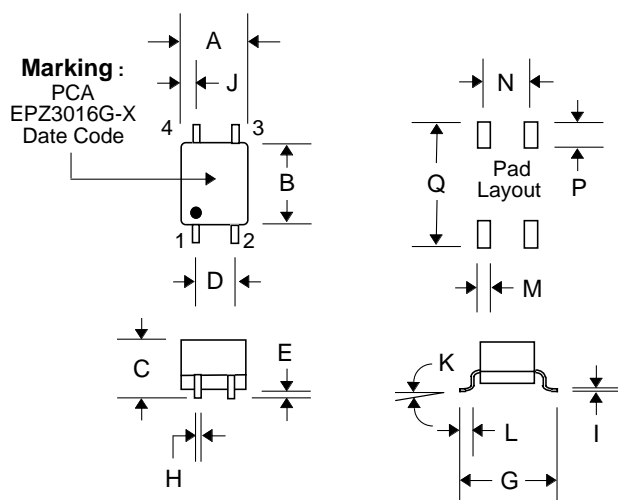
Schematic



Impedance Characteristic



Package



Dimensions

| Dim. | (Inches) | | | (Millimeters) | | |
|------|----------|------|------|---------------|------|------|
| | Min. | Max. | Nom. | Min. | Max. | Nom. |
| A | .197 | .217 | .207 | 5.03 | 5.50 | 5.25 |
| B | .260 | .280 | .270 | 6.60 | 7.11 | 6.86 |
| C | .200 | .220 | .210 | 5.08 | 5.59 | 5.33 |
| D | --- | --- | .100 | --- | --- | 2.54 |
| E | .004 | .015 | .010 | 0.10 | .381 | .254 |
| F | --- | --- | --- | --- | --- | --- |
| G | .354 | .374 | .364 | 9.00 | 9.50 | 9.25 |
| H | --- | --- | .042 | --- | --- | 1.07 |
| I | .008 | .012 | .010 | .203 | .305 | .254 |
| J | --- | --- | .050 | --- | --- | 1.27 |
| K | 0° | 8° | 4° | 0° | 8° | 4° |
| L | .020 | .040 | .030 | .508 | 1.02 | .762 |
| M | --- | --- | .070 | --- | --- | 1.80 |
| N | --- | --- | .100 | --- | --- | 2.54 |
| P | --- | --- | .063 | --- | --- | 1.60 |
| Q | --- | --- | .390 | --- | --- | 9.91 |