

EPZ3009GE & EPZ3009GE-LF



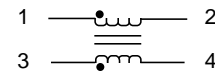
- Used in DC/DC Converter
- UL 94V-0 Recognized Material
- UL 1446 Class B Insulation System
- Add "-LF" after part number for Lead Free
- Operating Temperature : -40°C to +85°C
- Noise suppression Choke
- 4.70 A Rated Current
- 500 Vrms Isolation

Primary Specification

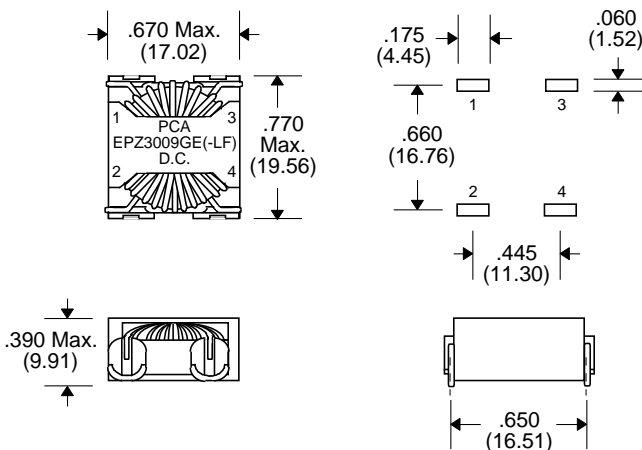
| Inductance (mH \pm 25%) | DCR (m Ω Max.) | Turns Ratio | SRF (MHz Typ.) |
|------------------------------|--------------------------|----------------|--------------------|
| @10 KHz, 0.1 Vrms | Matched with \pm 5% | | |
| 0.768 | 40 | 1 : 1 | 3.0 |
| Pins 1-2, 3-4 | Pins 1-2, 3-4 | Pins 1-2 : 3-4 | |

| Notes : | EPZ3009GE | EPZ3009GE-LF |
|--|-------------------------------------|-------------------------------------|
| 1. Lead Finish | SnPb | Hot Tin Dip (Sn) |
| 2. Peak Solder Rating (per IPC/JEDEC-J-STD-020C) | 225°C | 260°C |
| 3. Moisture Sensitive Levels (MSL) (per IPC/JEDEC-J-STD-020C) | 1 (Unlimited, \leq 30°C/60%RH) | 1 (Unlimited, \leq 30°C/60%RH) |
| 4. Weight | 5.2 grams | 5.2 grams |
| 5. Packaging Information (Tube) | TBD pcs / tube | TBD pcs / tube |

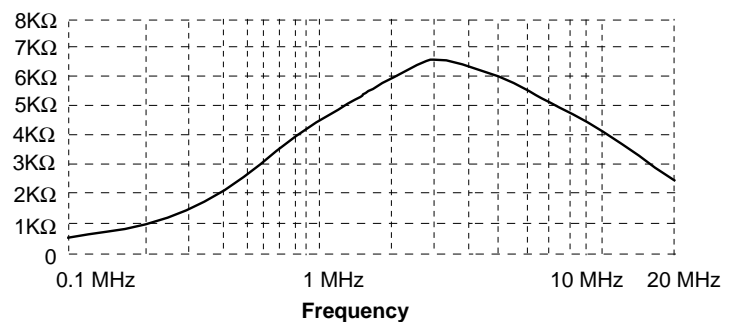
Schematic



Package



Impedance Curve



Unless Otherwise Specified Dimensions are in Inches /mm \pm .010 / .25