

Common Mode Choke EPZ3109G-LF

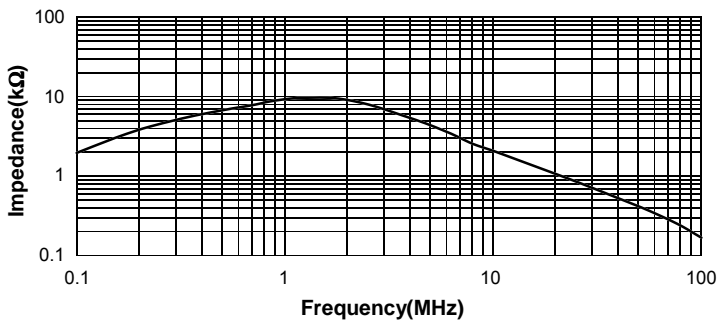
- Designed to work with Linear Tech. LT4295, LT4321
- Used in DC/DC Converter
- Noise suppression Choke
- Operating Temperature : -40°C to 85°C
- 2.5 A Rated Current
- 1000 Vrms Isolation
- Lead-free



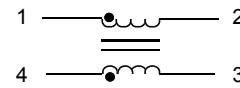
Electrical Parameters @ 25°C

| Inductance (mH ± 20%) | DCR (mΩ Typ.) | Turns Ratio | SRF (MHz Typ.) |
|--------------------------|-------------------|--------------------|-------------------|
| @10 KHz, 0.1 Vrms | Matched with ± 5% | | |
| Pins 1 - 2, 3 - 4 | Pins 1 - 2, 3 - 4 | Pins 1 - 2 : 3 - 4 | |
| 3.5 | 60 | 1 : 1 | 1.5 |

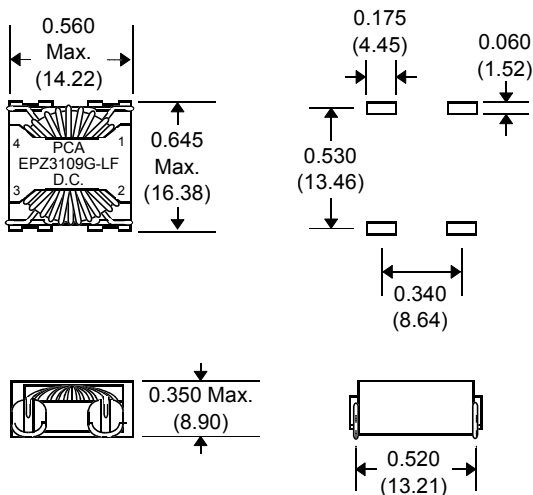
Impedance Curve



Schematic



Package



| Notes | EPZ3109G-LF |
|------------------------------------|---|
| 1. Lead Finish | Hot Tin Dip |
| 2. Peak Solder Rating | 245°C |
| 3. Moisture Sensitive Levels (MSL) | MSL = 1 |
| 4. Weight | 3.06 grams |
| 5. Packaging Information | (Tray) 100 pcs./tray (T&R) 250 pcs./13" reel |

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