

# Power Choke

## EPZ3014G & EPZ3014G-LF

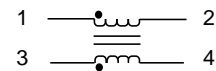
- Noise Suppression Choke
- 14.0 A Max. Rated Current
- Add “-LF” after part number for Lead Free
- 500 Vrms Isolation

### Electrical Parameters @ 25° C

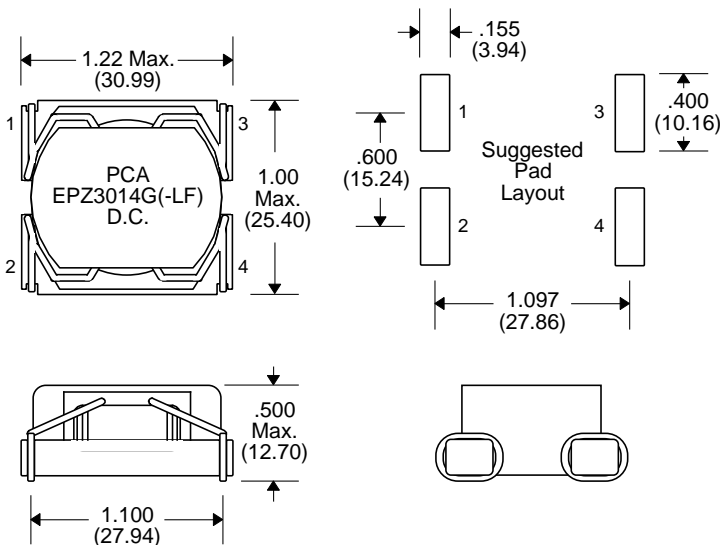
| Inductance<br>(mH ± 25%) | DCR<br>(m Max.)   | Turns Ratio    | SRF<br>(MHz Typ.) |
|--------------------------|-------------------|----------------|-------------------|
| @10 KHz, 0.1 Vrms        | Matched with ± 5% |                |                   |
| .473                     | 8.0               | 1 : 1          | 3.0               |
| Pins 1-2, 3-4            | Pins 1-2, 3-4     | Pins 1-2 : 3-4 |                   |

| Notes :  | EPZ3014G                     | EPZ3014G-LF                  |
|--|------------------------------|------------------------------|
| 1. Assembly Process (Solder Composition)                         | SnPb                         | Pb-Free                      |
| 2. Peak Solder Rating<br>(per IPC/JEDEC-J-STD-020C)              | 225°C                        | 260°C                        |
| 3. Moisture Sensitive Levels (MSL)<br>(per IPC/JEDEC-J-STD-020C) | 1<br>(Unlimited, 30°C/60%RH) | 1<br>(Unlimited, 30°C/60%RH) |
| 4. Weight  | TBD grams                    | TBD grams                    |
| 5. Packaging Information (Tube)                                  | TBD pcs / tube               | TBD pcs / tube               |

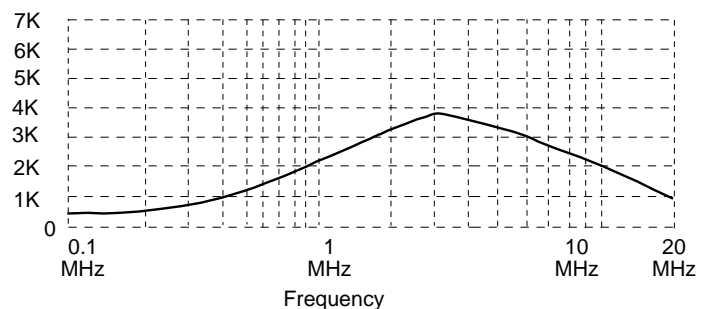
### Schematic



### Package



### Impedance Curve



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