PCA ELECTRONICS INC.

Power Choke

EPZ3009GE & EPZ3009GE-LF



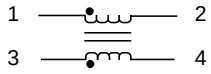
- Used in DC/DC Converter
- UL 94V-0 Recognized Material
- UL 1446 Class B Insulation System
- Add “-LF” after part number for Lead Free
- Operating Temperature : -40°C to +85°C
- Noise suppression Choke
- 4.70 A Rated Current
- 500 Vrms Isolation

Primary Specification

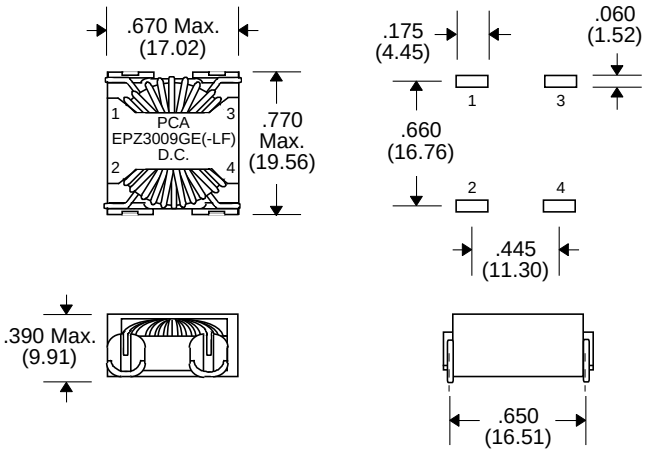
Inductance (mH ± 25%)	**DCR** (mΩ Max.)	**Turns Ratio**	**SRF** (MHz Typ.)
@10 KHz, 0.1 Vrms	Matched with ± 5%		
0.768	40	1 : 1	3.0
Pins 1-2, 3-4	Pins 1-2, 3-4	Pins 1-2 : 3-4	

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, ≤30°C/60%RH)	1 (Unlimited, ≤30°C/60%RH)
4. Weight	5.2 grams	5.2 grams
5. Packaging Information (Tube)	TBD pcs / tube	TBD pcs / tube

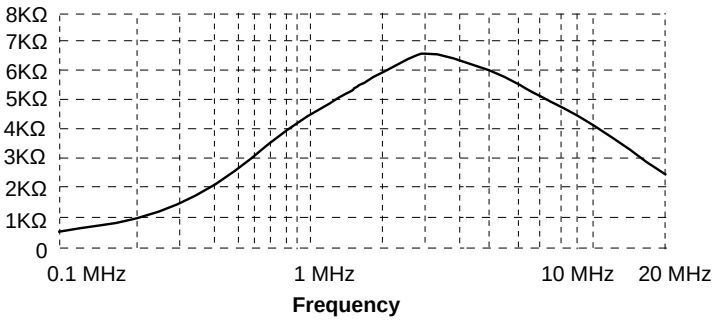
Schematic



Package



Impedance Curve



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

PCA ELECTRONICS, INC.
16799 SCHOENBORN ST.
NORTH HILLS, CA 91343

Product performance is limited to specified parameters. Data is subject to change without prior notice.

TEL: (818) 892-0761
FAX: (818) 894-5791
http://www.pca.com