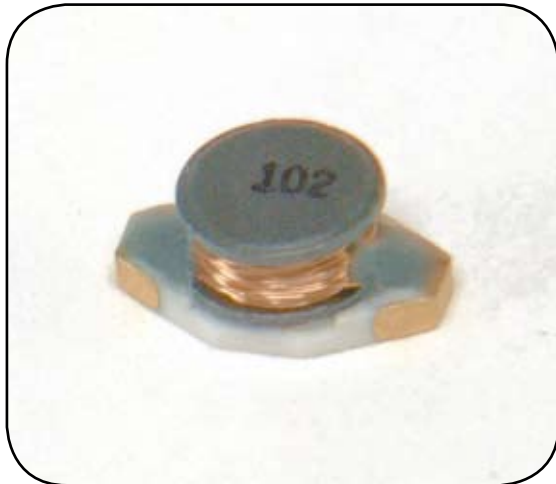


L01608 Series Surface Mount Power Inductors



Features

- Will Handle up to 2.9A
- Economical Design
- Suitable for Pick and Place
- Withstands Solder Reflow

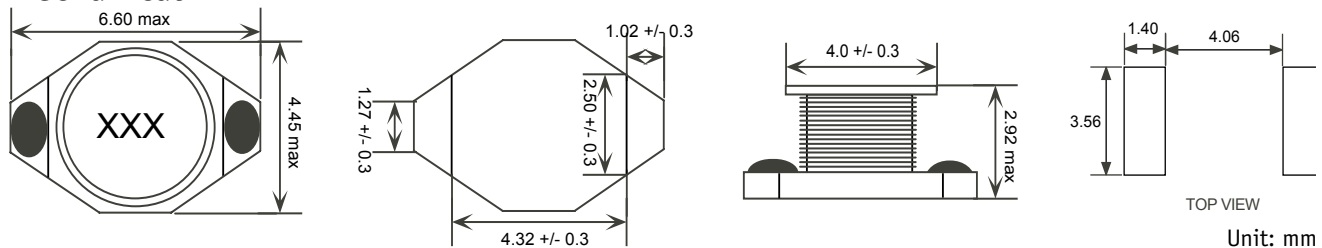
Applications

- Handheld and PDA Applications
- DC/DC Converters
- Output Power Chokes
- Battery Powered or Low Voltage Applications

Packaging

- Reel Diameter: 13"
- Reel Width: 16mm
- Pieces Per Reel: 2500

Mechanical



Electrical Specifications

| Part Number | Inductance ¹ (uH +/- 20%) | DCR max (Ω) | I _{dc} max ² (A) |
|---------------|---|----------------|---|
| L01608-1R0-RM | 1.0 | 0.05 | 2.90 |
| L01608-1R5-RM | 1.5 | 0.05 | 2.60 |
| L01608-2R2-RM | 2.2 | 0.07 | 2.30 |
| L01608-3R3-RM | 3.3 | 0.08 | 2.00 |
| L01608-4R7-RM | 4.7 | 0.09 | 1.50 |
| L01608-6R8-RM | 6.8 | 0.13 | 1.20 |
| L01608-100-RM | 10 | 0.16 | 1.10 |
| L01608-150-RM | 15 | 0.23 | 0.90 |
| L01608-220-RM | 22 | 0.37 | 0.70 |
| L01608-330-RM | 33 | 0.51 | 0.58 |
| L01608-470-RM | 47 | 0.64 | 0.50 |
| L01608-680-RM | 68 | 0.86 | 0.40 |
| L01608-101-RM | 100 | 1.27 | 0.31 |
| L01608-151-RM | 150 | 2.00 | 0.27 |
| L01608-221-RM | 220 | 3.11 | 0.22 |
| L01608-331-RM | 330 | 3.80 | 0.18 |
| L01608-471-RM | 470 | 5.06 | 0.16 |
| L01608-681-RM | 680 | 9.20 | 0.14 |
| L01608-102-RM | 1,000 | 13.80 | 0.10 |

1. Tested @ 100kHz, 0.1Vrms.
2. Inductance drop = 10% at rated I_{dc} max.
3. Operating temperature range: -40°C to +85°C.
4. Electrical specifications at 25°C.
5. Meets UL 94V-0.

