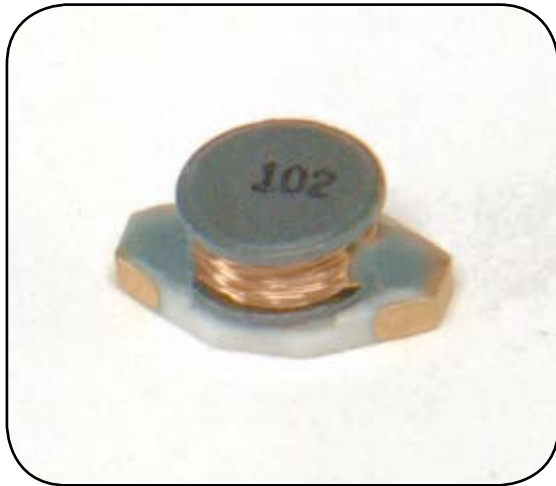


# L01608 Series Surface Mount Power Inductors



## Features

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

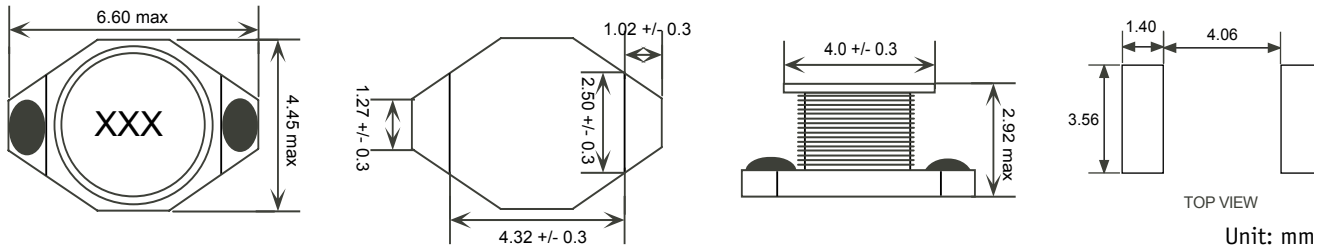
## Applications

- 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 <sup>1</sup> (uH +/- 20%)	DCR max (Ω)	I <sub>dc</sub> max <sup>2</sup> (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<sub>dc</sub> max.
3. Operating temperature range: -40°C to +85°C.
4. Electrical specifications at 25°C.
5. Meets UL 94V-0.

