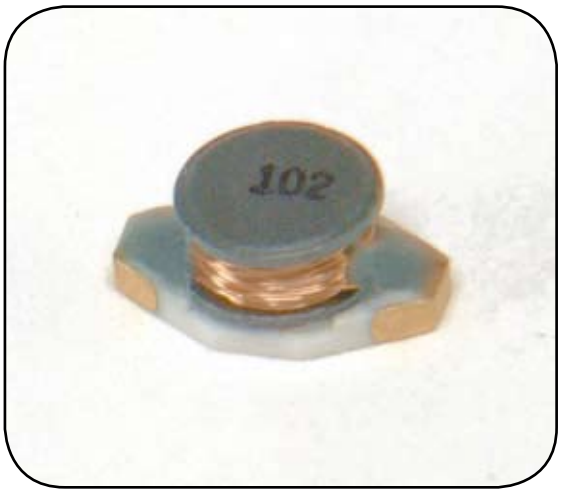
LO1608 Series
Surface Mount Power Inductors

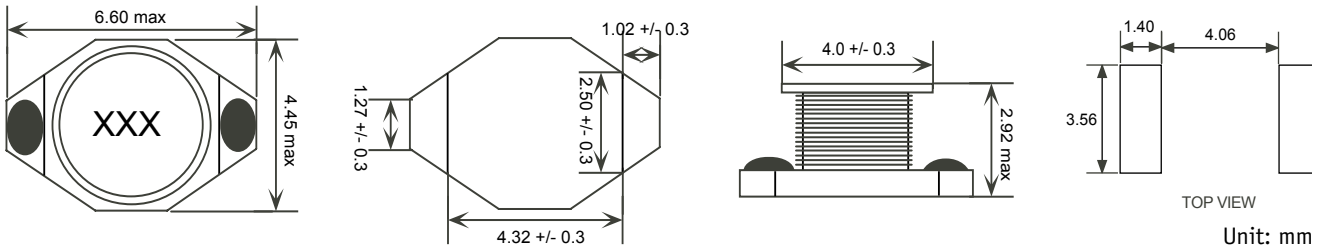


Features
- Will Handle up to 2.9A
- Economical Design
- Suitable for Pick and Place
- Withstands Solder Reflow

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

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

Mechanical



Unit: mm

Electrical Specifications

Part Number	Inductance[1] (uH +/- 20%)	DCR max (Ω)	I_{dc} max[2] (A)
LO1608-1R0-RM	1.0	0.05	2.90
LO1608-1R5-RM	1.5	0.05	2.60
LO1608-2R2-RM	2.2	0.07	2.30
LO1608-3R3-RM	3.3	0.08	2.00
LO1608-4R7-RM	4.7	0.09	1.50
LO1608-6R8-RM	6.8	0.13	1.20
LO1608-100-RM	10	0.16	1.10
LO1608-150-RM	15	0.23	0.90
LO1608-220-RM	22	0.37	0.70
LO1608-330-RM	33	0.51	0.58
LO1608-470-RM	47	0.64	0.50
LO1608-680-RM	68	0.86	0.40
LO1608-101-RM	100	1.27	0.31
LO1608-151-RM	150	2.00	0.27
LO1608-221-RM	220	3.11	0.22
LO1608-331-RM	330	3.80	0.18
LO1608-471-RM	470	5.06	0.16
LO1608-681-RM	680	9.20	0.14
LO1608-102-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.

RoHS