LS1608 Series
Surface Mount Power Inductors



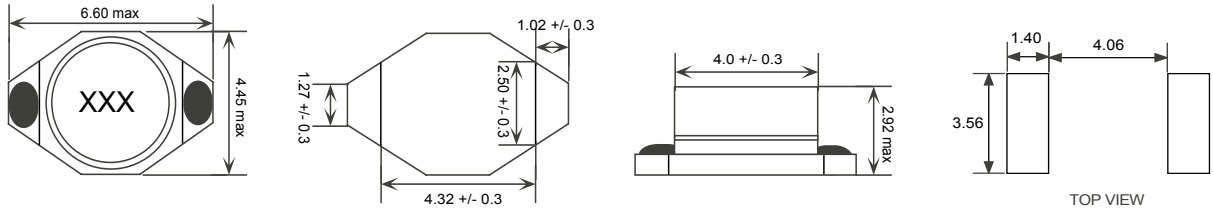
Features
- Will Handle up to 3.0A
- Suitable for Pick and Place
- Withstands Solder Reflow
- High Performance Shielded Design

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

RoHS

Mechanical



Electrical Specifications

Part Number	Inductance[1] (uH +/- 20%)	DCR max (Ω)	I_{dc} max[2] (A)
LS1608-1R0-RM	1.0	0.040	3.00
LS1608-1R5-RM	1.5	0.045	2.80
LS1608-2R2-RM	2.2	0.050	1.80
LS1608-3R3-RM	3.3	0.055	1.60
LS1608-4R7-RM	4.7	0.060	1.40
LS1608-6R8-RM	6.8	0.065	1.20
LS1608-100-RM	10	0.075	1.0
LS1608-150-RM	15	0.090	0.80
LS1608-220-RM	22	0.11	0.70
LS1608-330-RM	33	0.19	0.60
LS1608-470-RM	47	0.23	0.50
LS1608-680-RM	68	0.29	0.40
LS1608-101-RM	100	0.48	0.30
LS1608-151-RM	150	0.59	0.26
LS1608-221-RM	220	0.77	0.22
LS1608-331-RM	330	1.40	0.20
LS1608-471-RM	470	1.80	0.19
LS1608-681-RM	680	2.20	0.18
LS1608-102-RM	1,000	3.40	0.15
LS1608-152-RM	1,500	4.20	0.12
LS1608-222-RM	2,200	8.50	0.10
LS1608-332-RM	3,300	11.00	0.08
LS1608-472-RM	4,700	13.90	0.06
LS1608-682-RM	6,800	25.00	0.04
LS1608-103-RM	10,000	32.80	0.02

1. Tested @ 100kHz, 0.1Vrms.
2. The current at which the temperature of the part increases by 30°C.
3. Operating temperature range: -40°C to +85°C.
4. Electrical specifications at 25°C.
5. Meets UL 94V-0.