

L03308 Series Surface Mount Power Inductors



Features

- Will Handle up to 2.4A
- Low 3mm Height
- Suitable for Pick and Place
- Withstands Solder Reflow

Applications

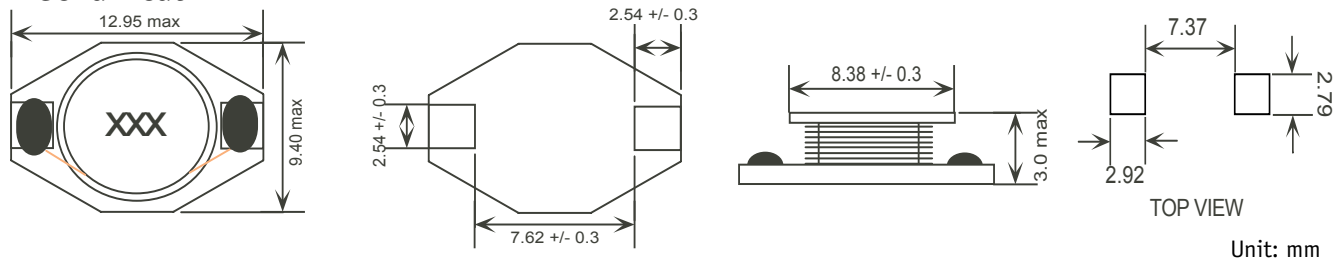
- Handheld and PDA Applications
- DC/DC Converters
- Output Power Chokes
- Battery Powered or Low Voltage Applications

Packaging

- Reel Diameter: 13"
- Reel Width: 24mm
- Pieces Per Reel: 1000



Mechanical



Electrical Specifications

Part Number	Inductance ¹ (uH +/- 20%)	DCR max (Ω)	I _{dc} max ² (A)
L03308-100-RM	10	0.11	2.4
L03308-150-RM	15	0.15	2.0
L03308-220-RM	22	0.23	1.6
L03308-330-RM	33	0.30	1.4
L03308-470-RM	47	0.39	1.0
L03308-680-RM	68	0.66	0.9
L03308-101-RM	100	0.84	0.7
L03308-151-RM	150	1.2	0.6
L03308-221-RM	220	1.9	0.5
L03308-331-RM	330	2.7	0.4
L03308-471-RM	470	4.0	0.3
L03308-681-RM	680	5.3	0.2
L03308-102-RM	1000	8.4	0.1

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.