LS3316 Series
Surface Mount Power Inductors

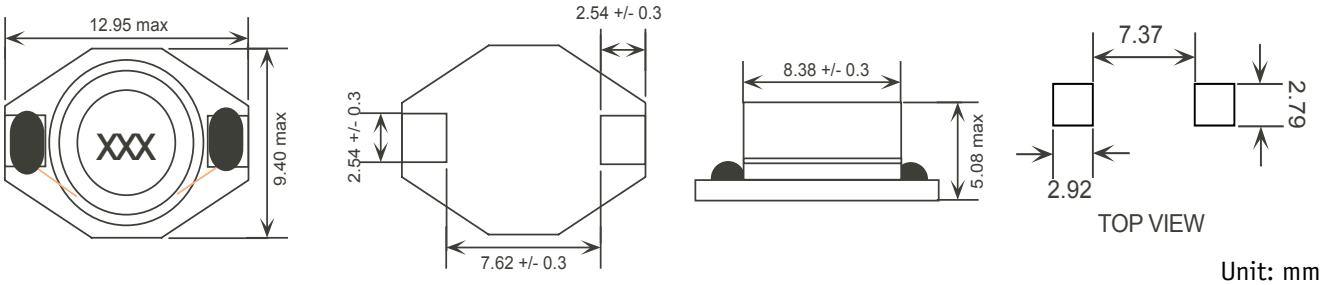


Features
- Will Handle up to 5.6A
- Suitable for Pick and Place
- Withstands Solder Reflow
- High Performance Shielded Design

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

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

Mechanical



Unit: mm

Electrical Specifications

Part Number	Inductance[1] (uH +/- 20%)	DCR max (Ω)	I_{dc} max[2] (A)
LS3316-1R0-RM	1.0	0.021	5.60
LS3316-1R5-RM	1.5	0.022	5.20
LS3316-2R2-RM	2.2	0.032	5.00
LS3316-3R3-RM	3.3	0.039	3.90
LS3316-4R7-RM	4.7	0.054	3.20
LS3316-6R8-RM	6.8	0.075	2.80
LS3316-100-RM	10	0.101	2.40
LS3316-150-RM	15	0.150	2.00
LS3316-220-RM	22	0.207	1.60
LS3316-330-RM	33	0.334	1.40
LS3316-470-RM	47	0.472	1.00

RoHS

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.