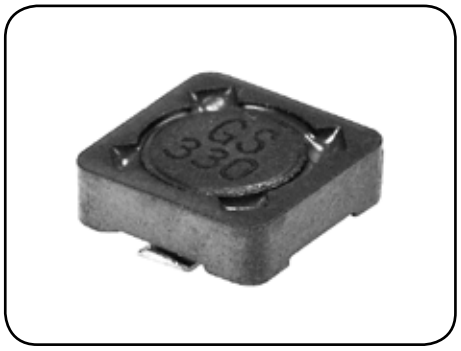
LS73 Series
Surface Mount Power Inductors



Features

- Will Handle Up To 1.68A
- Economical Design
- Suitable For Pick And Place
- Withstands Solder Reflow
- Shielded Design

Packaging

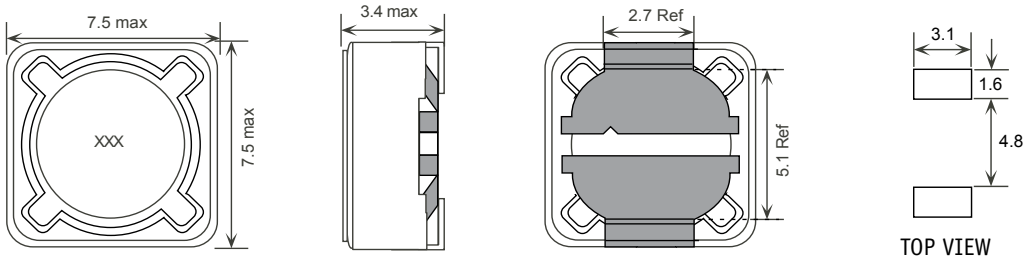
- Reel Diameter: 330mm
- Reel Width: 16.3mm
- Pieces Per Reel: 1000

Applications

- DC/DC Converters
- Output Power Chokes
- Handheld And PDA Applications
- Battery Powered Or Low Voltage Applications

RoHS

Mechanical



Unit: mm

Electrical Specifications

Part[6] Number	Inductance[1] (µH)	Test Frequency (khz)	DCR max (Ω)	I_{DC} max[2] (A)
LS73-100-RM	10	1	0.072	1.68
LS73-120-RM	12	1	0.098	1.52
LS73-150-RM	15	1	0.13	1.33
LS73-180-RM	18	1	0.14	1.20
LS73-220-RM	22	1	0.19	1.07
LS73-270-RM	27	1	0.21	.96
LS73-330-RM	33	1	0.24	.91
LS73-390-RM	39	1	0.32	.77
LS73-470-RM	47	1	0.36	.76
LS73-560-RM	56	1	0.47	.68
LS73-680-RM	68	1	0.52	.61
LS73-820-RM	82	1	0.69	.57
LS73-101-RM	100	1	0.79	.50
LS73-121-RM	120	1	0.89	.49
LS73-151-RM	150	1	1.27	.43
LS73-181-RM	180	1	1.45	.39
LS73-221-RM	220	1	1.65	.35
LS73-271-RM	270	1	2.31	.32
LS73-331-RM	330	1	2.62	.28
LS73-391-RM	390	1	2.94	.26
LS73-471-RM	470	1	4.18	.24
LS73-561-RM	560	1	4.67	.22
LS73-681-RM	680	1	5.73	.19
LS73-821-RM	820	1	6.54	.18
LS73-102-RM	1000	1	9.44	.16

1. Tested @ 1kHz, 0.25Vrms.
2. Inductance drop = 10% at rated I_{DC} max.
3. Electrical specifications at 25°C.
4. Operating temperature range: -40°C to +85°C.
5. Meets UL 94V-0.
6. Optional Tolerances: 10%(K), 15%(L), and 30%(N).