ICE Components, Inc.

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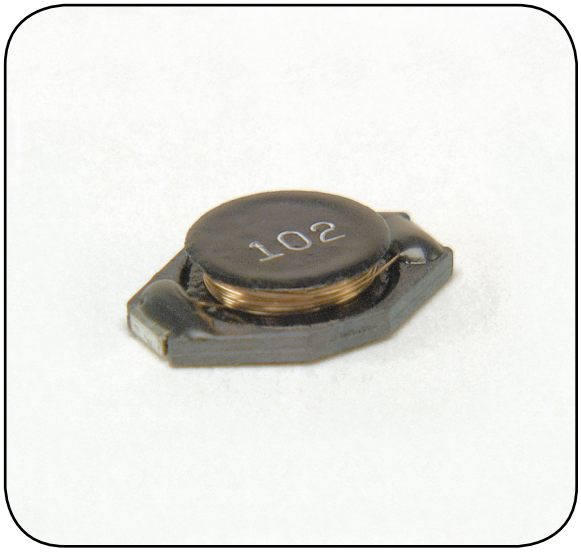
Surface Mount Power Inductors — LO3308 Series



FEATURES

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

APPLICATIONS

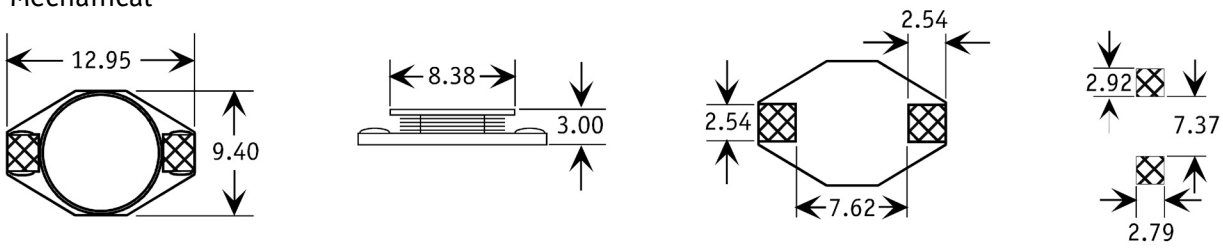
-Handheld and PDA Applications
-DC/DC Converters
-Output Power Chokes
-Battery Powered or Low Voltage Applications

PACKAGING

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

RoHS

Mechanical



Electrical Specifications

Part Number	Inductance[1] (uH +/- 20%)	DCR max (Ω)	I_{dc} max[2] (A)
LO3308-100-RM	10	0.11	2.4
LO3308-150-RM	15	0.15	2.0
LO3308-220-RM	22	0.23	1.6
LO3308-330-RM	33	0.30	1.4
LO3308-470-RM	47	0.39	1.0
LO3308-680-RM	68	0.66	0.9
LO3308-101-RM	100	0.84	0.7
LO3308-151-RM	150	1.2	0.6
LO3308-221-RM	220	1.9	0.5
LO3308-331-RM	330	2.7	0.4
LO3308-471-RM	470	4.0	0.3
LO3308-681-RM	680	5.3	0.2
LO3308-102-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.