

**Surface Mount Power Inductors****L03316 Series****FEATURES**

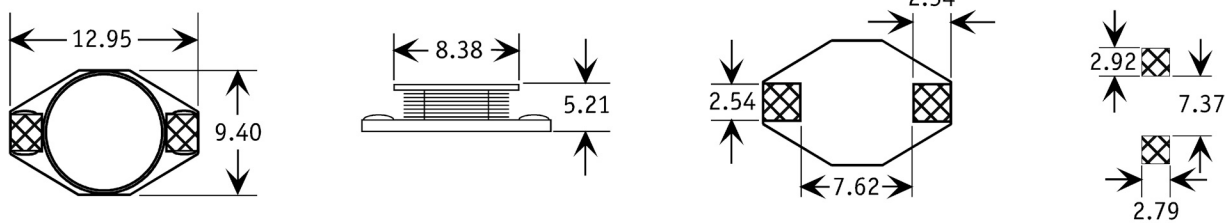
- Will Handle up to 9.0A
- Suitable for Pick and Place
- Withstands Solder Reflow

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)
L03316-1R0-RM	1.0	0.009	9.00
L03316-1R5-RM	1.5	0.010	8.00
L03316-2R2-RM	2.2	0.012	7.00
L03316-3R3-RM	3.3	0.015	6.40
L03316-4R7-RM	4.7	0.018	5.40
L03316-6R8-RM	6.8	0.027	4.60
L03316-100-RM	10	0.038	3.80
L03316-150-RM	15	0.046	3.00
L03316-220-RM	22	0.085	2.60
L03316-330-RM	33	0.10	2.00
L03316-470-RM	47	0.14	1.60
L03316-680-RM	68	0.20	1.40
L03316-101-RM	100	0.28	1.20
L03316-151-RM	150	0.40	1.00
L03316-221-RM	220	0.61	0.80
L03316-331-RM	330	1.02	0.60
L03316-471-RM	470	1.27	0.50
L03316-681-RM	680	2.02	0.40
L03316-102-RM	1,000	3.00	0.30

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.