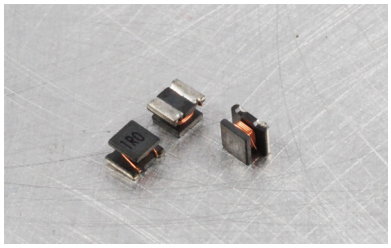
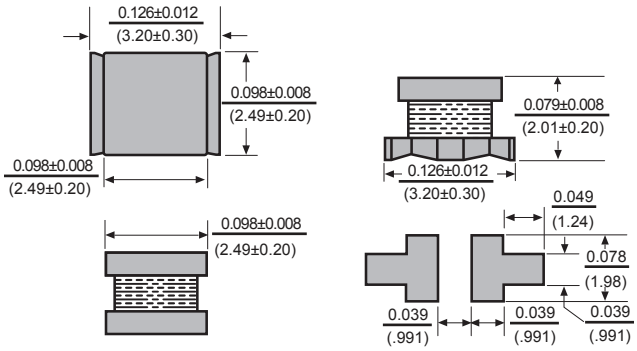
RoHS

Low Resistance Chip Inductors LRC20L



Dimensions: Inches (mm)



Allied Part Number	Inductance (µh)	Tolerance (%)	Test Freq. (MHz)	SRF Min. (MHz)	RDC (Ω) +/-30%	Rated Current (A)
LRC20L-R15M-RC	.15	20	1	400	0.028	1.45
LRC20L-R27M-RC	.27	20	1	250	0.034	1.25
LRC20L-R47M-RC	.47	20	1	150	0.042	1.10
LRC20L-1R0M-RC	1.0	20	1	100	0.060	1.00
LRC20L-1R5M-RC	1.5	20	1	85	0.063	0.90
LRC20L-2R2M-RC	2.2	20	1	64	0.097	0.79
LRC20L-3R3M-RC	3.3	20	1	55	0.130	0.70
LRC20L-4R7M-RC	4.7	20	1	43	0.150	0.65
LRC20L-6R8M-RC	6.8	20	1	30	0.210	0.60
LRC20L-100M-RC	10	20	1	26	0.30	0.45

All specifications subject to change without notice.

Features

- Miniature SMT wire-wound open magnetic path construction inductors with low DCR, high current capacity and High Impedance Characteristics.
- Excellent solder heat resistance for flow and reflow soldering methods.
- Excellent for use as choke coils in DC/DC converter and DC power supply circuits.

Electrical

Inductance Range: .15µh to 10µh.
Tolerance: 20% for all values
Test Frequency: Inductance measured on an HP4192 at 1MHz
Operating Temp. Range: -25° to +85°C.
Rated Current: Based on Temperature rise not to exceed 35ºC. Inductance Drop 10% typical.
Resistance to Soldering Heat: Pre heat: 150ºC ± 10ºC / 1-2 min. Solder temp: 260ºC ± 5ºC for 10 sec. ± 1 sec.

Physical

Packaging: 2000 pieces per 7 inch reel.