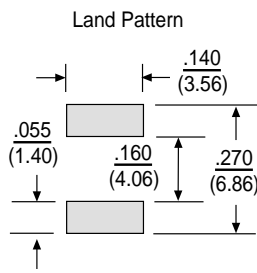
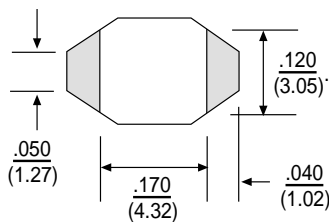
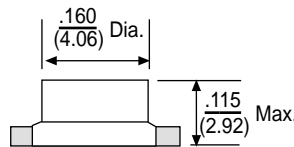
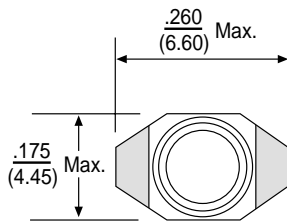


# RL-1608-S

## SMT POWER INDUCTOR SERIES



The RL-1608-S Series offers shielded surface mount power inductors in our smallest package with a footprint of .26" x .175". With a low cost, high energy storage and low resistance they are ideal for communication, computer and converter applications. Specifically designed with a flat top for reliable pick and place operations. They can withstand solder flow, reflow and wave soldering applications. Available in 25 values with inductance ratings from 1.0 $\mu$ H to 10mH and currents up to 3 Amps.



Packaged 2,000 parts per reel.

ALL DIMENSIONS IN INCHES (mm)

PART NUMBER	Inductance <sup>1</sup> ( $\mu$ H $\pm$ 20%)	DCR max. (Ohms)	Rated Current <sup>3</sup> (Amps)
RL-1608-S-1.0	1.0	.040	3.0
RL-1608-S-1.5	1.5	.045	2.8
RL-1608-S-2.2	2.2	.050	1.8
RL-1608-S-3.3	3.3	.055	1.6
RL-1608-S-4.7	4.7	.060	1.4
RL-1608-S-6.8	6.8	.065	1.2
RL-1608-S-10	10	.075	1.0
RL-1608-S-15	15	.090	.80
RL-1608-S-22	22	.11	.70
RL-1608-S-33	33	.19	.60
RL-1608-S-47	47	.23	.50
RL-1608-S-68	68	.29	.40
RL-1608-S-100	100	.48	.30
RL-1608-S-150	150	.59	.26
RL-1608-S-220	220	.77	.22
RL-1608-S-330	330	1.4	.20
RL-1608-S-470	470	1.8	.19
RL-1608-S-680	680	2.2	.18
RL-1608-S-1000	1000	3.4	.15
RL-1608-S-1500	1500	4.2	.12
RL-1608-S-2200	2200	8.5	.10
RL-1608-S-3300	3300	11.0	.08
RL-1608-S-4700	4700	13.9	.06
RL-1608-S-6800	6800	25.0	.04
RL-1608-S-10000	10000	32.8	.02

1. Tested at 100 kHz, 0.1 Vrms.

2.  $\Delta$ T = 30°C rise typ.

Operating temperature range -40°C to +85°C.



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