



DESIGNER KIT AVAILABLE
Order on-line P/N RL-7000-DK

RL-7000

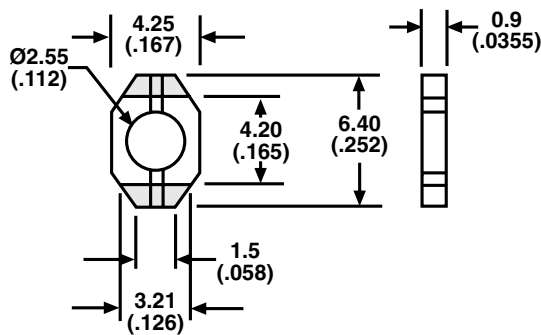
SHIELDED SMD POWER INDUCTORS Patent Pending



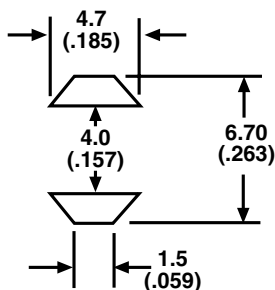
Measuring under 1mm high, the RL-7000 is the **WORLD'S LOWEST PROFILE**, shielded, power inductor. This series offers the smallest possible foot print, 4.2 x 6.4mm, combined with the lowest height. The shield, along with high saturation current, will aid in the suppression of EMI. This product will be excellent for hi-tech applications such as mobile phones, PC cards, PDA's, notebook computers, and other handheld devices.



ACTUAL SIZE



LAND PATTERN



Dimensions in mm (inches)

Renco Part No.	Inductance @ 100KHz (μH) ±20%	DCR Max (Ohms)	I Sat* (Amps)	I rms (Amps)
RL-7000-1.0	1.0	0.049	2.5	1.25
RL-7000-1.5	1.5	0.076	2.0	1.25
RL-7000-2.2	2.2	0.097	1.25	1.00
RL-7000-3.3	3.3	0.120	1.20	1.00
RL-7000-5.6	5.6	0.140	0.850	0.800
RL-7000-6.8	6.8	0.216	0.700	0.640
RL-7000-10	10.0	0.414	0.525	0.500
RL-7000-15	15.0	0.521	0.425	0.390
RL-7000-22	22.0	0.620	0.425	0.390
RL-7000-33	33.0	0.950	0.350	0.320
RL-7000-56	56.0	1.55	0.225	0.250
RL-7000-68	68.0	1.750	0.200	0.200
RL-7000-100	100.0	2.90	0.125	0.160
RL-7000-150	150.0	3.39	0.120	0.160
RL-7000-220	220.0	6.50	0.115	0.120
RL-7000-330	330.0	8.89	0.110	0.100

NOTES:

- * Saturation current for a 10% decrease in inductance value
- Tested @ 100kHz, 0.1 Vrms, 25°C
- I rms is the average current for a 40°C rise above 25°C ambient
- Operating temperature range -40°C to +105°C
- Inductors are supplied on tape and reel 6000 pcs. per reel

TAPE AND REEL PACKAGING

PIECES PER REEL
6000

PLASTIC REEL SIZE
7"

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