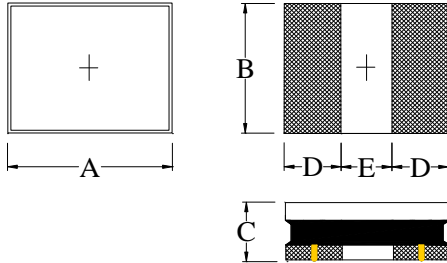


## FEATURES

- ◆ This specification applies Low Profile Power Inductors.
- ◆ 100% Lead(Pb) & Halogen-Free and RoHS compliant.



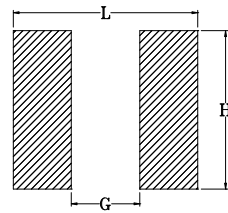
## DIMENSIONS (mm)



Part No.	A	B	C	D	E
JNR 252010U	2.5 -0.1/+0.2	2.0 -0.05/+0.35	1.02 Max.	0.85 Ref.	0.80 Ref.

## Recommended PC Board Pattern (mm)

L	G	H
2.9	0.8	2.4



## SERIES LIST

No.	Part No.	L ( $\mu$ H)	Test Frequency (Hz)	RDC ( $\Omega$ ) $\pm 20\%$	Isat		Irms	
					Max. (A)	Typ. (A)	Max. (A)	Typ. (A)
1	JNR 252010U-R47Y	0.47	1M/0.1V	0.030	2.57	2.85	2.50	2.80
2	JNR 252010U-R68Y	0.68	1M/0.1V	0.039	2.45	2.70	2.20	2.45
3	JNR 252010U-1R0Y	1.0	1M/0.1V	0.055	2.05	2.45	1.80	2.20
4	JNR 252010U-1R5Y	1.5	1M/0.1V	0.090	1.70	1.80	1.55	1.70
5	JNR 252010U-2R2M	2.2	1M/0.1V	0.114	1.55	1.60	1.40	1.55
6	JNR 252010U-3R3M	3.3	1M/0.1V	0.170	1.10	1.30	1.10	1.25
7	JNR 252010U-4R7M	4.7	1M/0.1V	0.250	0.95	1.10	0.92	1.05
8	JNR 252010U-6R8M	6.8	1M/0.1V	0.370	0.80	0.95	0.76	0.85
9	JNR 252010U-100M	10	1M/0.1V	0.470	0.65	0.75	0.67	0.75
10	JNR 252010U-150M	15	1M/0.1V	0.750	0.45	0.55	0.50	0.55
11	JNR 252010U-220M	22	1M/0.1V	1.120	0.40	0.50	0.45	0.50

1.Tolerance : M  $\pm 20\%$  ; Y  $\pm 30\%$

2.Isat : Based on inductance change ( $\Delta L/L_0 \leq -30\%$ ) @ ambient temp. 25°C

3.Irms : Based on temperature rise ( $\Delta T : 40^\circ\text{C}$ .) Max

## PACKAGE

Type	JNR 252010U
Q'TY/Reel	2000