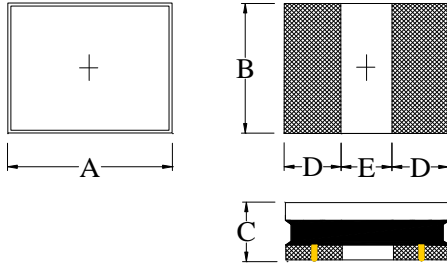


FEATURES

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



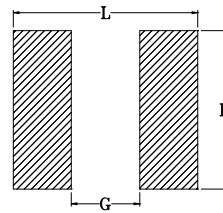
DIMENSIONS (mm)



Part No.	A	B	C	D	E
JNR 252012U	2.5 -0.1/+0.2	2.0 -0.05/+0.35	1.2 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 (μ H)	Test Frequency (Hz)	RDC (Ω) $\pm 20\%$	Isat		Irms	
					Max. (A)	Typ. (A)	Max. (A)	Typ. (A)
1	JNR 252012U-R47Y	0.47	1M/0.1V	0.028	3.60	4.00	3.35	3.70
2	JNR 252012U-R68Y	0.68	1M/0.1V	0.036	2.70	3.00	3.00	3.30
3	JNR 252012U-1R0Y	1.0	1M/0.1V	0.049	2.45	2.70	2.30	2.60
4	JNR 252012U-1R5Y	1.5	1M/0.1V	0.063	2.05	2.30	1.95	2.20
5	JNR 252012U-2R2M	2.2	1M/0.1V	0.080	1.95	2.15	1.65	1.85
6	JNR 252012U-3R3M	3.3	1M/0.1V	0.120	1.50	1.70	1.30	1.45
7	JNR 252012U-4R7M	4.7	1M/0.1V	0.176	1.35	1.50	1.05	1.20
8	JNR 252012U-6R8M	6.8	1M/0.1V	0.250	1.00	1.15	0.90	1.00
9	JNR 252012U-100M	10	1M/0.1V	0.410	0.75	0.85	0.65	0.75
10	JNR 252012U-150M	15	1M/0.1V	0.540	0.56	0.63	0.54	0.60
11	JNR 252012U-220M	22	1M/0.1V	0.850	0.50	0.56	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 252012U
Q'TY/Reel	2000