



**THE DATASHEET OF
RL262-153J-RC**





BOURNS®

Features

- Formerly J. W. Miller® model
- Current rating up to 200 mA
- Inductance range: 100 μ H to 15,000 μ H
- High Q
- RoHS compliant*

Applications

- DC/DC converters
- Power supplies
- Desktop notebooks
- Output chokes

RL262 Series - Radial Lead RF Choke

Electrical Specifications (@ 25 °C)

Part Number	Inductance (μ H)	Tol.	Q (Min.)	Test Frequency		SRF (MHz) Typ.	DCR (Ω) Max.	I dc (mA)
				L	Q			
RL262-101J-RC	100	$\pm 5\%$	60	796 KHz	796 KHz	6.1	2.0	200
RL262-121J-RC	120	$\pm 5\%$	60	796 KHz	796 KHz	5.5	3.0	200
RL262-151J-RC	150	$\pm 5\%$	60	796 KHz	796 KHz	5.0	2.0	200
RL262-181J-RC	180	$\pm 5\%$	60	796 KHz	796 KHz	4.7	3.0	200
RL262-221J-RC	220	$\pm 5\%$	60	796 KHz	796 KHz	4.5	3.0	150
RL262-271J-RC	270	$\pm 5\%$	60	796 KHz	796 KHz	4.1	3.0	150
RL262-331J-RC	330	$\pm 5\%$	60	796 KHz	796 KHz	3.8	4.0	150
RL262-391J-RC	390	$\pm 5\%$	60	796 KHz	796 KHz	3.5	4.0	100
RL262-471J-RC	470	$\pm 5\%$	60	796 KHz	796 KHz	3.2	5.0	100
RL262-561J-RC	560	$\pm 5\%$	60	796 KHz	796 KHz	2.9	6.0	100
RL262-681J-RC	680	$\pm 5\%$	60	796 KHz	796 KHz	2.7	6.0	100
RL262-821J-RC	820	$\pm 5\%$	60	796 KHz	796 KHz	2.3	7.0	50
RL262-102J-RC	1000	$\pm 5\%$	80	252 KHz	252 KHz	2.1	9.0	50
RL262-122J-RC	1200	$\pm 5\%$	80	252 KHz	252 KHz	1.9	9.0	50
RL262-152J-RC	1500	$\pm 5\%$	80	252 KHz	252 KHz	1.8	11	50
RL262-182J-RC	1800	$\pm 5\%$	80	252 KHz	252 KHz	1.6	12	50
RL262-222J-RC	2200	$\pm 5\%$	80	252 KHz	252 KHz	1.5	14	50
RL262-272J-RC	2700	$\pm 5\%$	80	252 KHz	252 KHz	1.4	15	50
RL262-332J-RC	3300	$\pm 5\%$	80	252 KHz	252 KHz	0.9	25	40
RL262-392J-RC	3900	$\pm 5\%$	80	252 KHz	252 KHz	0.9	30	40
RL262-472J-RC	4700	$\pm 5\%$	80	252 KHz	252 KHz	0.8	32	40
RL262-562J-RC	5600	$\pm 5\%$	80	252 KHz	252 KHz	0.7	36	30
RL262-682J-RC	6800	$\pm 5\%$	80	252 KHz	252 KHz	0.7	40	30
RL262-822J-RC	8200	$\pm 5\%$	80	252 KHz	252 KHz	0.6	45	30
RL262-103J-RC	10,000	$\pm 5\%$	60	79.6 KHz	79.6 KHz	0.6	55	20
RL262-123J-RC	12,000	$\pm 5\%$	60	79.6 KHz	79.6 KHz	0.5	65	20
RL262-153J-RC	15,000	$\pm 5\%$	60	79.6 KHz	79.6 KHz	0.5	80	20

General Specifications

Rated Current..... Inductance drop 10 %
 Operating Temperature -55 °C to +105 °C
 Storage Temperature -55 °C to +105 °C

Materials

Core Material..... Ferrite
 Wire Enameled copper
 Terminal Coating..... Sn

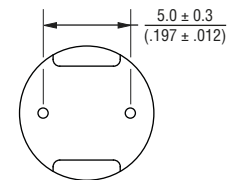
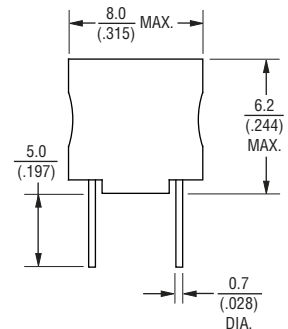
Marking

..... Value code on side of inductor

Packaging

Standard..... 100 pcs. per bag

Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

How To Order

RL262 - 102J - RC

Model _____

Value/Tolerance Code (see table) _____

Compliance Code _____
 RC = RoHS Compliant

Electrical Schematic



Example:
 RL262-102J-RC = 1000 μ H, $\pm 5\%$

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

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