

## **Features**

- Formerly J.W. Miller<sup>®</sup> model
- High Q value
- Inductance range: 270 μH to 1000 μH
- RoHS compliant\*

## **Applications**

- Filters
- Output chokes

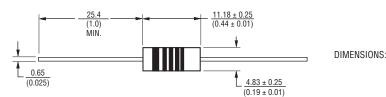


This series is currently available but not recommended for new designs.

**Electrical Specifications** 

	Indu	ctance	•	Test	SRF	DCR	
Bourns Part No.	(μH)	Tol. (%)	Q Min.	Frequency (MHz)	(MHz) Min.	(Ω) Max.	Idc (mA)
9220-00-RC	270	±5	65	0.79	5.6	8.2	110
9220-02-RC	300	±5	65	0.79	5.3	8.7	107
9220-04-RC	330	±5	65	0.79	5.0	9.1	105
9220-06-RC	360	±5	65	0.79	4.7	9.6	102
9220-08-RC	390	±5	65	0.79	4.5	10.0	100
9220-10-RC	430	±5	65	0.79	4.3	10.6	97
9220-12-RC	470	±5	65	0.79	4.0	11.1	95
9220-14-RC	500	±5	65	0.79	3.8	11.6	93
9220-15-RC	510	±5	65	0.79	3.8	11.6	92
9220-16-RC	560	±5	65	0.79	3.6	12.3	91
9220-18-RC	620	±5	60	0.79	3.5	13.0	88
9220-20-RC	680	±5	60	0.79	3.4	13.7	85
9220-22-RC	750	±5	60	0.79	3.3	14.4	83
9220-24-RC	820	±5	60	0.79	3.1	15.1	81
9220-26-RC	910	±5	60	0.79	2.9	15.8	79
9220-28-RC	1000	±5	60	0.79	2.8	16.5	78

#### **Product Dimensions**



#### Typical Part Marking - MIL-STD Color Code

Color	1st & 2nd Significant Figure or Decimal Point	Multiplier	Tolerance
Black	0	1	
Brown	1	10	
Red	2	100	
Orange	3	1000	
Yellow	4		
Green	5		
Blue	6		
Violet	7		
Gray	8		
White	9		
Silver			± 10 %
Gold	Decimal Point		± 5 %

### REV. 11/22

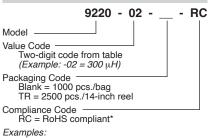


**VARNING Cancer and Reproductive Harm** www.P65Warnings.ca.gov

9220 Series Molded Axial Inductor

#### **General Specifications**

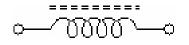
Temperature Rise
55 °C to +105 °C Storage Temperature55 °C to +105 °C Dielectric Strength
Materials
CoreFerrite WireEnameled copper Terminal CoatingSn Packaging Standard1000 pcs. per bag Optional2500 pcs. per 14-inch reel
How to Order

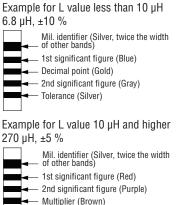


9220-00-RC = 270 μH packaged 1000 pcs./bag.

9220-16-TR-RC = 560 μH packaged 2500 pcs./14-inch reel.

**Electrical Schematic** 





Multiplier (Brown)

Tolerance (Gold)

MM

(INCHES)

\*RoHS Directive 2015/863, Mar 31, 2015 and Annex. 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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