

Ferrite EMI Beads with Axial Wire



- Differential Mode EMI Filters
- Lead Free & RoHS Compliant
- High Current
- Thru-Hole application
- Wire Leads Thru Ferrite
- Low DCR



PART NUMBER SYSTEM EXAMPLE

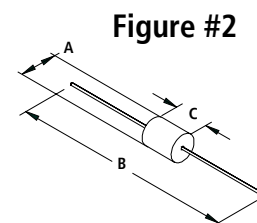
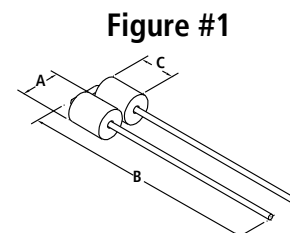
<u>28</u>	<u>J</u>	<u>0138</u>	<u>-1</u>	<u>1</u>	<u>R</u>	<u>-10</u>
Material Type	Product Code	Part Size Code	Selected Dimension Code	Additional Description	Packaging Code	Additional Description

Part Number	TYPICAL IMPEDANCE (Ω)				Typical Peak Impedance (Ω)	Typical Peak Impedance Frequency (MHz)	DCR MAX (Ω)	Rated I Max (continuous) mA
	Z @ 25 MHz	Z @ 100 MHz	Z @ 500 MHz	Z @ 1 GHz				
28J0138-11R-10	95	143	160	140	165	300	0.01	5,000
28L0138-10R-10	45	75	70	55	80	200	0.01	5,000
28L0138-40R-10	99	135	180	80	138	200	0.01	5,000
28L0138-50R-10	92	153	152	111	161	150	0.01	5,000
28L0138-70R-10	123	220	180	110	220	100	0.01	5,000
28L0138-80R-10	48	86	78	57	85	100	0.01	5,000

See diagram 1 on page 48 for equivalent circuit

Part Number	Fig #	A mm (inches)	B mm (inches)	C mm (inches)
28J0138-11R-10	1	3.51 (0.138)	25.40 (1.000)	4.45 (0.175)
28L0138-10R-10	2	3.51 (0.138)	59.00 (2.323)	4.45 (0.175)
28L0138-40R-10	2	3.51 (0.138)	59.00 (2.323)	8.89 (0.350)
28L0138-50R-10	2	3.51 (0.138)	59.00 (2.323)	9.53 (0.375)
28L0138-70R-10	2	3.51 (0.138)	59.00 (2.323)	13.97 (0.550)
28L0138-80R-10	2	3.51 (0.138)	59.00 (2.323)	5.23 (0.206)

Refer to part print for additional dimensions



All current ratings (I MAX) are based on continuous operation.
Chart data can be sorted at www.lairdtech.com.