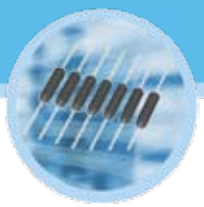


- Differential Mode EMI Filters
- Lead Free & RoHS Compliant
- High Current
- Thru-Hole application
- Wire Leads Thru Ferrite
- Low DCR

PART NUMBER SYSTEM EXAMPLE

28	J	0138	-1	1	R	-10
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 47 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

Figure #1

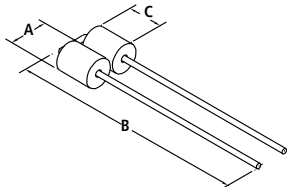
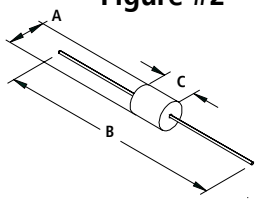
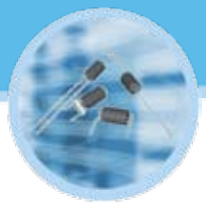


Figure #2



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

Multiple Turn Axial Wire Ferrite Beads / Cores



- Differential Mode EMI Filters
- Lead free & RoHS Compliant
- Thru-Hole Application
- Wire Wound Thru Ferrite
- Low DCR

PART NUMBER SYSTEM EXAMPLE

28	C	0236	-0	B	S	-10
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				
28C0236-0BS-10	500	835	480	220	846	156	0.01	5,000
28C0236-0BW-10	500	835	480	220	846	156	0.01	5,000
28C0236-0DW-10	260	460	478	360	498	300	0.01	5,000
28C0236-0EW-10	620	998	484	205	1010	140	0.01	5,000
28C0236-0JW-10	620	998	484	205	1010	140	0.01	5,000

Part Number	Fig #	A mm (inches)	B mm (inches)	C mm (inches)	D mm (inches)	E mm (inches)	F mm (inches)	L1 mm (inches)
28C0236-0BS-10	1	6.00 (0.236)	14.99 (0.590)	10.00 (0.394)	0.51 (0.020)	14.61 (0.575)	-	5.99 (0.236)
28C0236-0BW-10	2	6.00 (0.236)	86.46 (3.404)	10.00 (0.394)	0.51 (0.020)	14.61 (0.575)	-	38.10 (1.500)
28C0236-0DW-10	3	6.00 (0.236)	86.46 (3.404)	10.00 (0.394)	0.51 (0.020)	14.61 (0.575)	-	38.23 (1.505)
28C0236-0EW-10	4	6.00 (0.236)	50.53 (1.989)	10.00 (0.394)	0.51 (0.020)	14.61 (0.575)	-	38.10 (1.500)
28C0236-0JW-10	5	6.00 (0.236)	20.96 (0.825)	10.00 (0.394)	0.51 (0.020)	15.90 (0.626)	5.08 (0.200)	5.08 (0.200)

See diagram 1 on page 47 for equivalent circuit

Figure #1

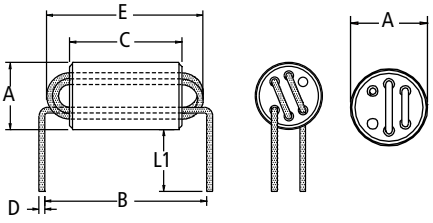


Figure #2

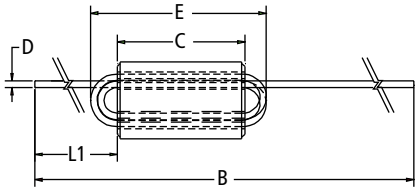


Figure #3

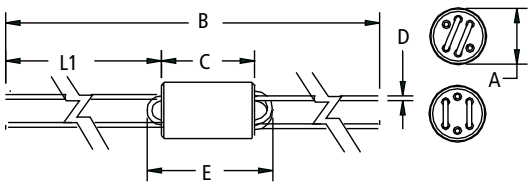


Figure #4

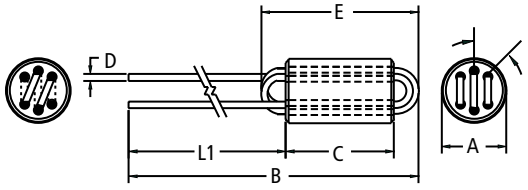


Figure #5