

# DIFFERENTIAL MODE EMI FILTERS



## FEATURES

- Differential mode EMI filter, high current, thru-hole type
- Up to 5 Amps continuous operation current
- Low DCR
- For power lines application for LCD-TV, automotive, telecom, test equipment etc.

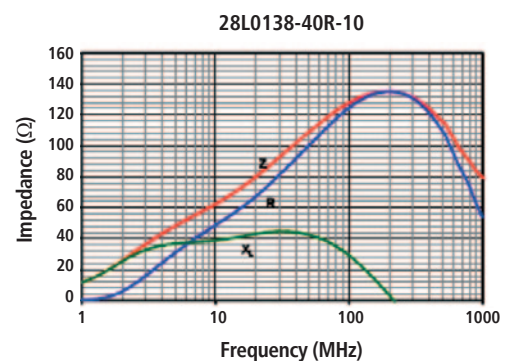
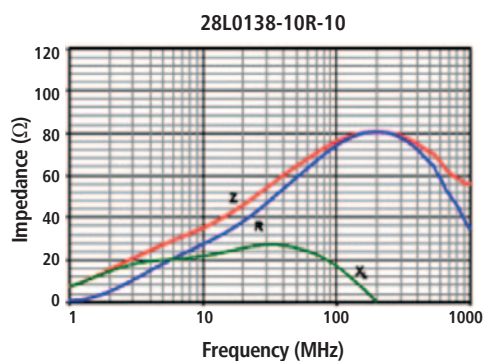


## PART NUMBERING SYSTEM

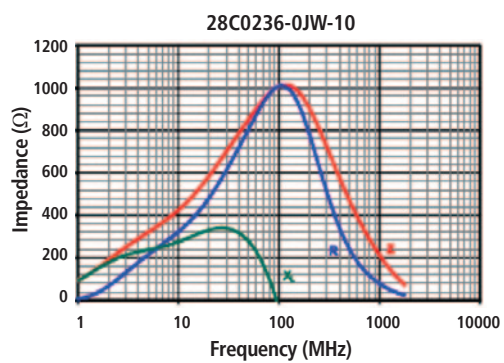
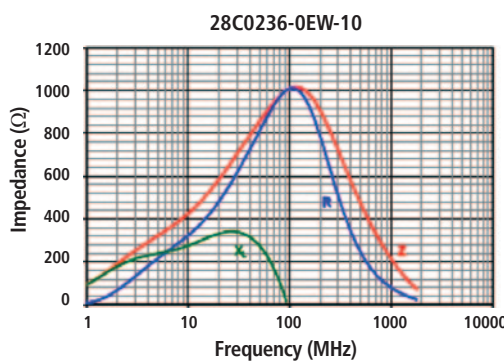
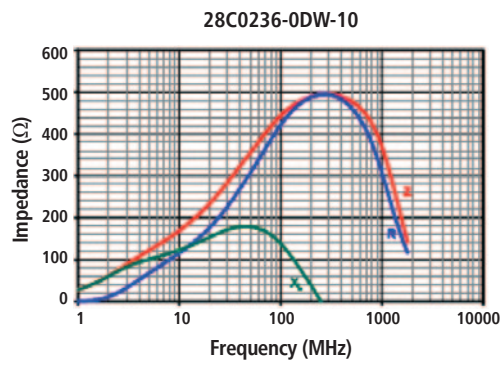
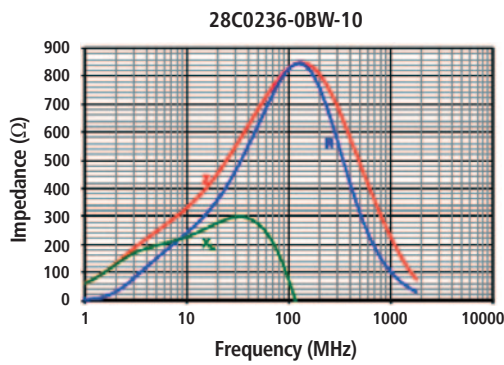
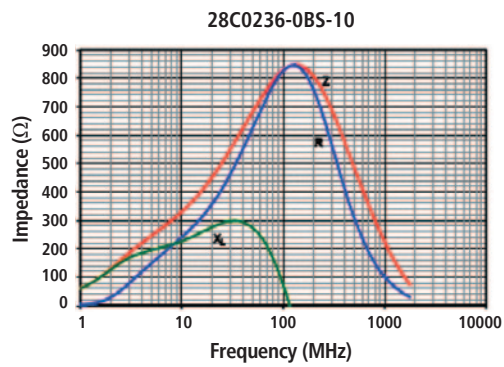
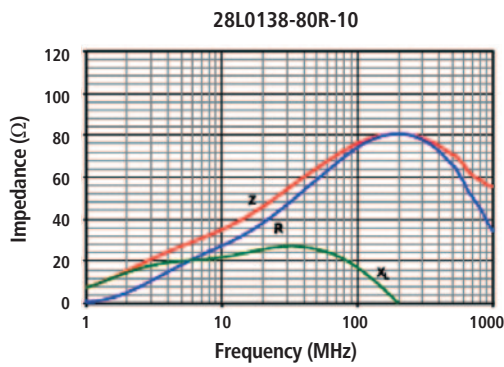
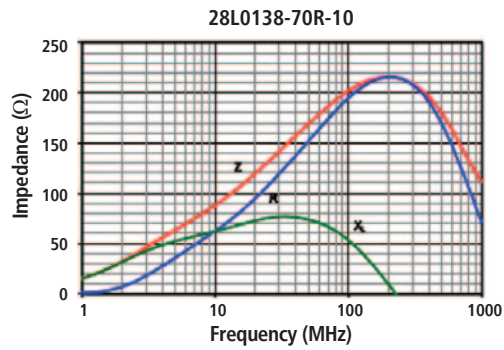
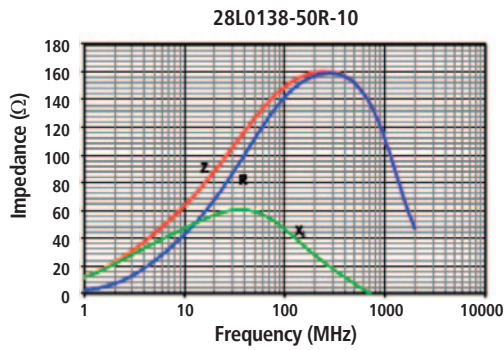
28	L	0138	-1	0	R	-10
Material Code	Product Code	EIA Size Code	Stated Dimension Code	Additional Description	Packing Code	Additional Description

TYPE	PART NUMBER	TYPICAL IMPEDANCE ( $\Omega$ )				TYPICAL PEAK IMPEDANCE ( $\Omega$ )	PEAK IMPEDANCE FREQUENCY (MHz)	DCR MAX ( $\Omega$ )	RATED I MAX (CONTINUOUS) mA
		Z @ 25 MHz	Z @ 100 MHz	Z @ 500 MHz	Z @ 1 GHz				
Power Line Thru-Hole (Single Turn)	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
Power Line Thru-Hole (Multiple Turns)	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

[www.atd-elektronik.cz](http://www.atd-elektronik.cz)  
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## DIMENSION

PART NUMBER	A mm (INCHES)	B mm (INCHES)	C mm (INCHES)	
28L0138-10R-10	3.51 (0.138)	59.00 (2.323)	4.45 (0.175)	
28L0138-40R-10	3.51 (0.138)	59.00 (2.323)	8.89 (0.350)	
28L0138-50R-10	3.51 (0.138)	59.00 (2.323)	9.53 (0.375)	
28L0138-70R-10	3.51 (0.138)	59.00 (2.323)	13.97 (0.550)	
28L0138-80R-10	3.51 (0.138)	59.00 (2.323)	5.23 (0.206)	

## DIMENSION

PART NUMBER	A mm (INCHES)	B mm (INCHES)	C mm (INCHES)	D mm (INCHES)	E mm (INCHES)	F mm (INCHES)	L1 mm (INCHES)	
28C0236-OBS-10	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-OBW-10	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-ODW-10	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-OEW-10	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-OJW-10	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)	