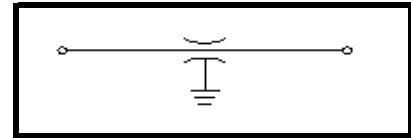
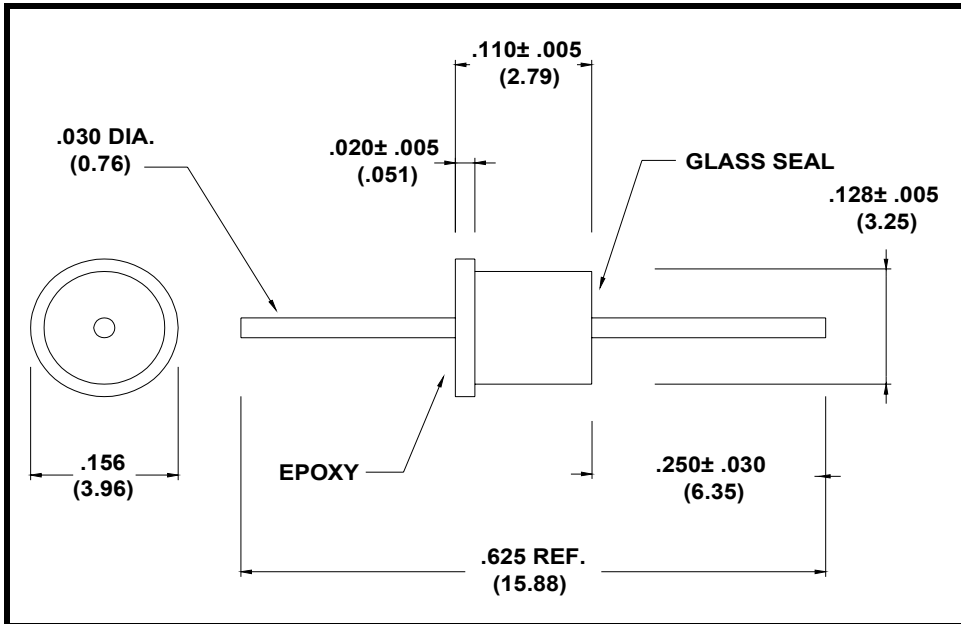


610/611 Series

Circuit Type: " C "



610/611 Series miniature EMI Filters are ideal when small size and high performance are critical. They are an effective solution for applications like Low Noise Amplifiers, Oscillators, as well as Microwave Attenuators and Microwave Filters.



* If Glass Seal on case is on the opposite end, then Part Number becomes 611-xxx

These "C" configuration filters are glass sealed on bottom end. Gold plating on the leads offers excellent conductivity when using common gold bonding methods.

General Specifications, Case Material and Finish.

Material and Finish : Steel Case, Alloy 52 leads, overall Gold Plating as per MIL-G-45204 type II, Class Standard
 Capacitance Tolerance: Guaranteed Minimum Value (GMV)
 Dissipation Factor : 2.5%
 Insulation Resistance: 10,000 Mohm or 1,000 Mohm / uF @ 25°C, WVDC .

Dielectric Strength : (DWV) 250% Rated Voltage for 5 Seconds
 Working Voltages : 50 VDC to 200 VDC @ +125°C
 DC Resistance : 0.002 ohm maximum
 Oper. Temp. Range : -55°C \ +125°C
 Installation Guide : See " Filter Installation Guide " on page 25

"C" Filters Part Number	Filter Type	Working Voltage		Rated Current	Minimum Capacitance		Minimum Insertion Loss				
		85°C	125°C		pF	Tolerance	1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
610-223A	C	80	50	10 Amp	22000	GMV	1	27	41	60	65
610-273A	C	80	50	10 Amp	27000	GMV	10	30	42	65	70
610-333A	C	80	50	10 Amp	33000	GMV	15	35	45	70	70
610-502B	C	150	100	10 Amp	5000	GMV		15	30	50	60
610-103B	C	150	100	10 Amp	10000	GMV	4	20	35	50	60
610-153B	C	150	100	10 Amp	15000	GMV	7	25	40	60	60
610-000C	C	250	200	10 Amp	0	-	-	-	-	-	-
610-050C	C	250	200	10 Amp	5	MAX	-	-	-	-	-
610-100C	C	250	200	10 Amp	10	GMV				5	20
610-500C	C	250	200	10 Amp	50	GMV				20	40
610-101C	C	250	200	10 Amp	100	GMV			3	20	40
610-501C	C	250	200	10 Amp	500	GMV			15	34	40
610-102C	C	250	200	10 Amp	1000	GMV		5	20	35	45
610-122C	C	250	200	10 Amp	1200	GMV		4	20	40	55
610-272C	C	250	200	10 Amp	2700	GMV		10	25	45	60