

Features:

- 875 - 1010 MHz Frequency Range
- Excellent Rejection
- Ceramic Coaxial Resonator Based Filter
- Small Form Factor
- Outstanding close-in rejection in GSM Cellular Bands
- Includes multi-section low pass filter that prevents 2nd harmonic re-entry
- Unibody construction - integrated RF Connectors & case body
- High Q ceramic resonators enable tight rejection performance
- Excellent rejection up to 7 GHz
- ROHS Compliant



Filter Specifications

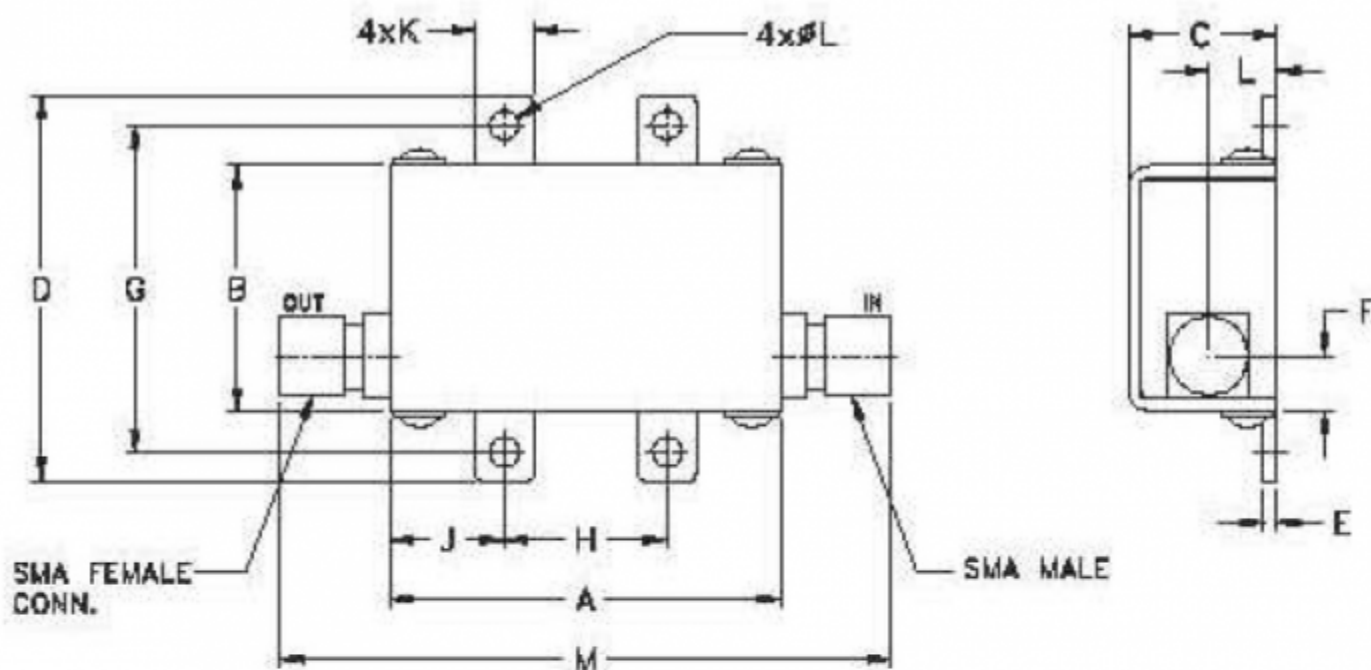
Parameter	Value	Units	Tolerance
Filter Frequency Band	ISM Band		
Filter Impedance	50	Ohms	
Filter Min Frequency	0.875 / 875	GHz / MHz	
Filter Max Frequency	1.01 / 1,010	GHz / MHz	
Insertion Loss	1.1	dB	
Return Loss	±0.2	dB	
Rejection 1	30	dB	
Rejection 2	49	dB	
Filter Length	2.05 / 52.07	inches / mm	
Filter Width	1.18 / 29.97	inches / mm	
Filter Height	0.46 / 11.68	inches / mm	
Filter Power Peak	10	Watts	

Parameter	Value	Units	Tolerance
Operating Temp	-55 to +100	C	
Storage Temp	-55 to +100	C	
Product Length	2.05 / 52.07	inches / mm	
Product Width	1.18 / 29.97	inches / mm	
Product Height	0.46 / 11.68	inches / mm	
RF Connectors	SMA(m),SMA(f)		

Typical Performance Data @ 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR- In (:1)	VSWR-Out (:1)
0.3	104.61	1737.18	1737.18
100.0	96.86	579.06	289.53
500.0	56.65	72.39	28.49
690.0	49.47	57.91	26.33
750.0	30.16	49.64	25.56
830.0	3.57	3.64	3.34
875.0	1.09	1.23	1.21
900.0	1.10	1.40	1.34
920.0	1.07	1.39	1.34
945.0	.97	1.17	1.15
980.0	1.02	1.18	1.18
1010.0	1.16	1.16	1.21
1040.0	3.74	3.90	3.50
1160.0	28.88	42.38	16.11
1210.0	38.15	48.26	16.41
1230.0	42.47	51.10	16.41
1250.0	47.87	52.65	16.41
1900.0	56.26	62.05	19.32
5000.0	49.93	12.44	43.44
6800.0	17.75	3.04	16.72

Filter Plot 2



Outline Dimensions (inch mm)

A	B	C	D	E	F	G	
1.20	.75	.46	1.18	.04	.17	1.00	
30.48	19.05	11.68	29.97	1.02	4.32	25.40	
H	J	K	L	M			wt
.50	.35	.18	.106	2.05			grams
12.70	8.89	4.57	2.69	52.07			35.00

Engineering Drawing

Dimensions are in inches