

The wise choice



Micro-Tronics

for all your filter needs

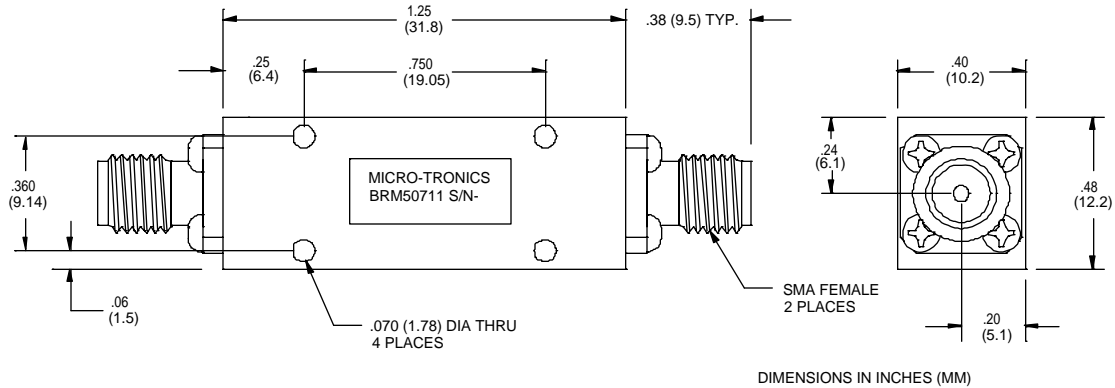
Micro-Tronics is an operating division of O.M. Jones, Inc.

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-Model BRM 50711



Micro-Tronics Model BRM50711 was specifically designed to reject the 3400 to 3800 MHz portion of the IEEE 802-16 band while maintaining low insertion loss and broad upper passband. The basic notch filter design can also be adapted to custom applications.

Specifications:	
Passbands (MHz)	0 to 2800 and 4400 to 18000 MHz
Passband Insertion Loss:	1.5 dB maximum
Passband VSWR:	2.0:1 maximum
Notch Rejection:	40 dB min from 3400 to 3800 MHz
Operating Power:	2W max

Connectors:

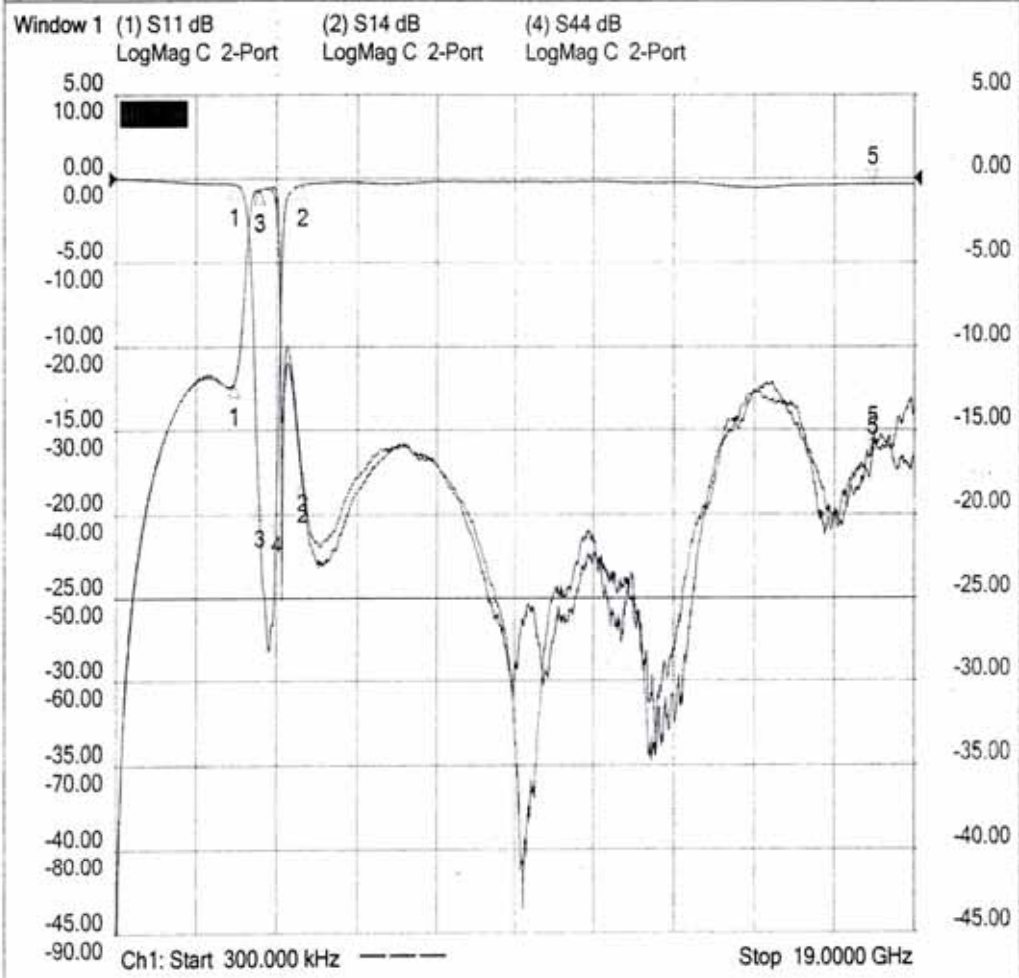
Model #:

BRM50711:	SMA Female – SMA Female
BRM50711-01:	SMA Male – SMA Female
BRM50711-02:	SMA Female – SMA Male
BRM50711-03:	SMA Male – SMA Male



Channel Settings										
Channel	Sweep Type	Points	Start (kHz)	Stop (GHz)	IF BW (kHz)	Sweep Time (s)	Pow 1 (dBm)	Pow 2 (dBm)	Pow 3 (dBm)	Pow 4 (dBm)
1	LinFreq	1601	300.000000	8.000000	100.000000	0.016931	-5.000000	-5.000000	-5.000000	-5.000000

Trace Attributes									
Window	ID	Trace	Channel	Correction	Options	Smooth	Marker	Position	Response
1	1	S11	1	C* 2-Port			1	2800 MHz	-10.758 dB
							2	4400 MHz	-12.991 dB
							3	3400 MHz	-0.77344 dB
							5	8000 MHz	-14.238 dB
							2	1	S14
2	4400 MHz	-0.94095 dB							
3	3400 MHz	-46.806 dB							
4	3800 MHz	-44.836 dB							
5	8000 MHz	-0.40037 dB							
4	4	S44	1	C* 2-Port			1	2800 MHz	-10.708 dB
							2	4400 MHz	-12.370 dB
							3	3400 MHz	-0.64313 dB
							5	8000 MHz	-14.232 dB



Channel Settings										
Channel	Sweep Type	Points	Start (kHz)	Stop (GHz)	IF BW (kHz)	Sweep Time (s)	Pow 1 (dBm)	Pow 2 (dBm)	Pow 3 (dBm)	Pow 4 (dBm)
1	LinFreq	1601	300.000000	19.000000	100.000000	0.016931	-5.000000	-5.000000	-5.000000	-5.000000

Trace Attributes									
Window	ID	Trace	Channel	Correction	Options	Smooth	Marker	Position	Response
1	1	S11	1	C 2-Port				1	2800 MHz -12.245 dB
								2	4400 MHz -17.994 dB
								3	3400 MHz -0.67304 dB
								5	18000 MHz -16.411 dB
2	1	S14	1	C 2-Port			1.06	1	2800 MHz -0.67545 dB
								2	4400 MHz -0.75122 dB
								3	3400 MHz -38.920 dB
								4	3800 MHz -39.637 dB
								5	18000 MHz -0.66569 dB
4	1	S44	1	C 2-Port				1	2800 MHz -12.158 dB
								2	4400 MHz -17.364 dB
								3	3400 MHz -0.72477 dB
								5	18000 MHz -15.814 dB