

The wise choice



Micro-Tronics

for all your filter needs

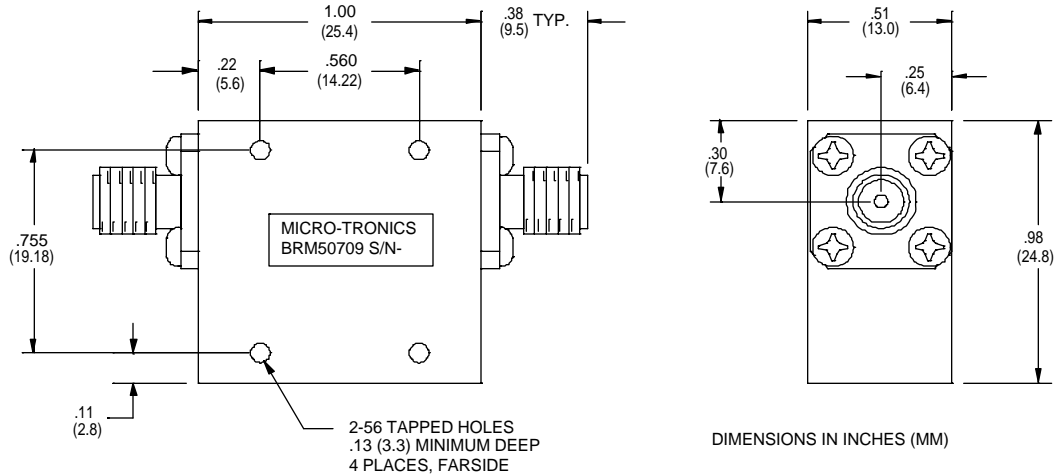
Micro-Tronics is an operating division of O.M. Jones, Inc.

Telephone: 209-532-1008

Facsimile: 209-532-1009

e-mail: sales@micro-tronics.net

-Model BRM 50709



Micro-Tronics Model BRM50709 was specifically designed to reject the 2495 to 2690 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.

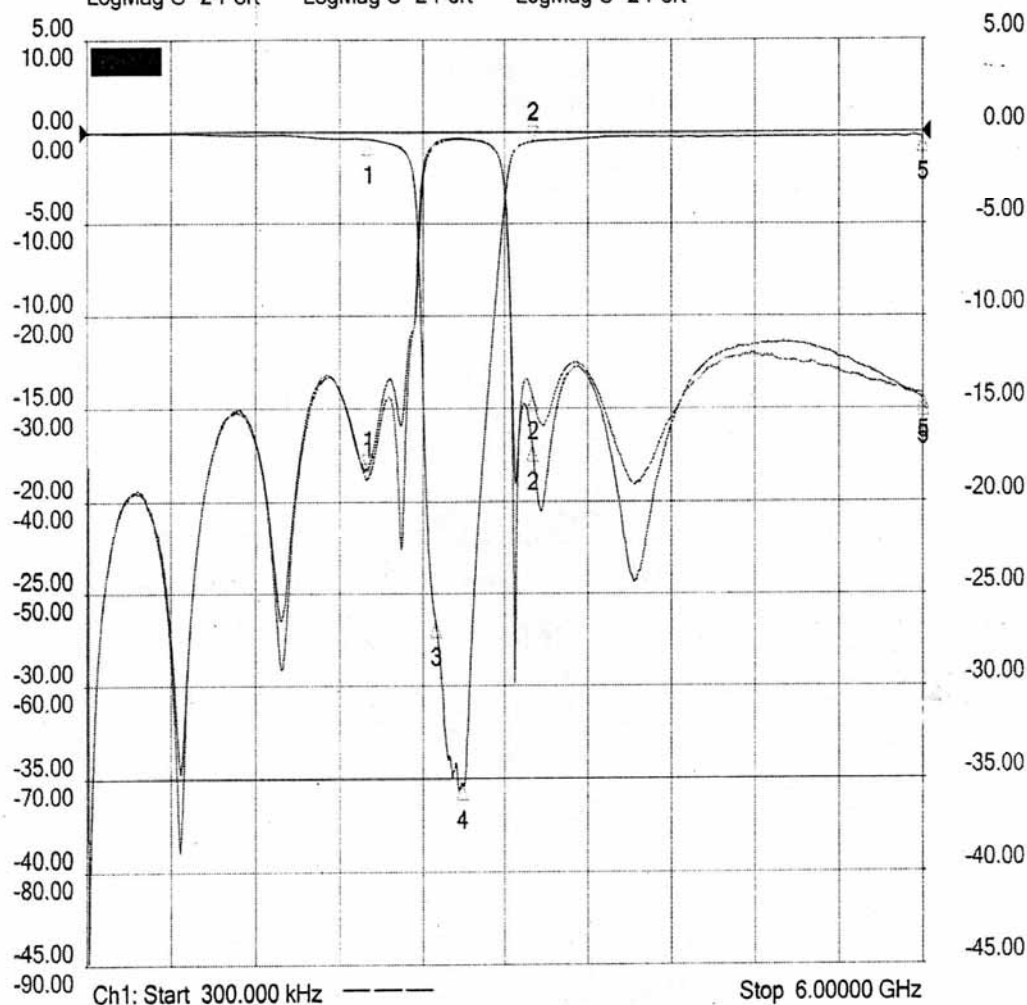
Specifications:	
Passbands (MHz)	0 to 2000 and 3200 to 18000 MHz
Passband Insertion Loss:	1.5 dB maximum
Passband VSWR:	2.0:1 maximum
Notch Rejection:	50 dB min from 2495 to 2690 MHz
Operating Power:	2W max

Connectors:

Model #:

BRM50709:	SMA Female – SMA Female
BRM50709-01:	SMA Male – SMA Female
BRM50709-02:	SMA Female – SMA Male
BRM50709-03:	SMA Male – SMA Male

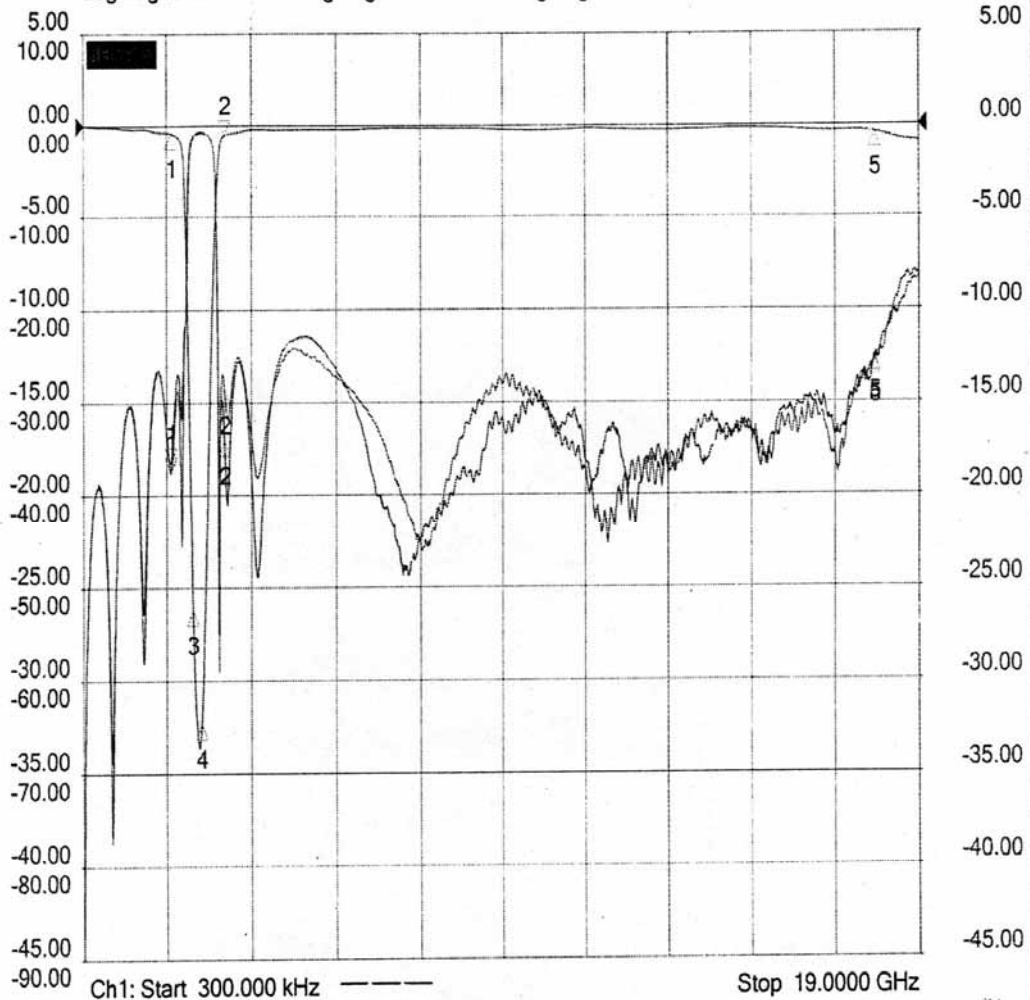
Window 1 (1) S11 dB (2) S14 dB (4) S44 dB
 LogMag C* 2-Port LogMag C* 2-Port LogMag C* 2-Port



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	6.000000	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	2000 MHz	-18.299 dB
							2	3200 MHz	-17.002 dB
							5	6000 MHz	-14.564 dB
2	S14	1	C* 2-Port		1.06		1	2000 MHz	-0.77309 dB
							2	3200 MHz	-1.0172 dB
							3	2495 MHz	-53.067 dB
							4	2690 MHz	-70.594 dB
							5	6000 MHz	-0.52033 dB
4	S44	1	C* 2-Port				1	2000 MHz	-18.763 dB
							2	3200 MHz	-14.313 dB
							5	6000 MHz	-14.263 dB

Window 1 (1) S11 dB (2) S14 dB (4) S44 dB
 LogMag C 2-Port LogMag C 2-Port LogMag C 2-Port



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	2000 MHz	-18.269 dB					
							2	3200 MHz	-17.047 dB					
							5	18000 MHz	-12.538 dB					
							2	S14	1	C 2-Port	1.06	1	2000 MHz	-0.80760 dB
												2	3200 MHz	-1.0725 dB
3	2495 MHz	-52.383 dB												
4	2690 MHz	-64.637 dB												
5	18000 MHz	-0.82536 dB												
4	4	S44	1	C 2-Port			1	2000 MHz	-18.776 dB					
							2	3200 MHz	-14.323 dB					
							5	18000 MHz	-12.710 dB					