

The wise choice



# Micro-Tronics

for all your filter needs

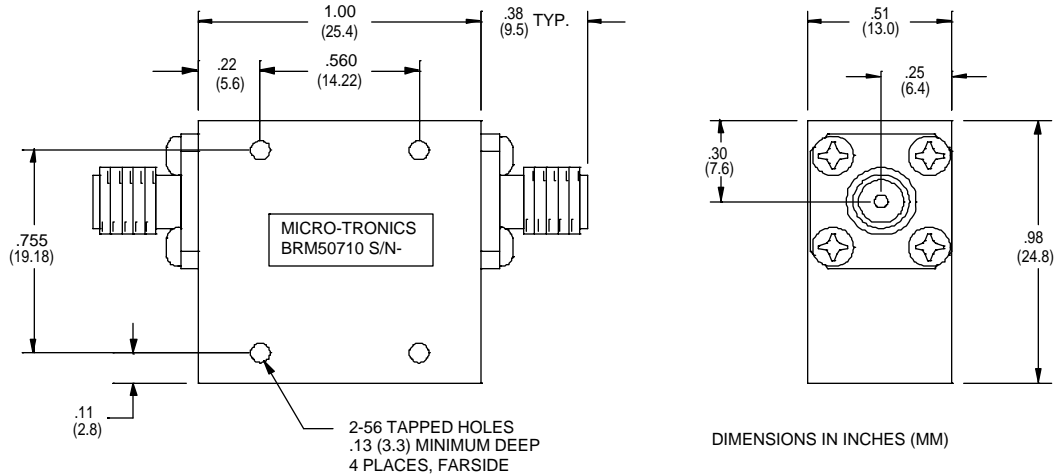
Micro-Tronics is an operating division of O.M. Jones, Inc.

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## -Model BRM 50710



Micro-Tronics Model BRM50710 was specifically designed to reject the 2300 to 2400 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.

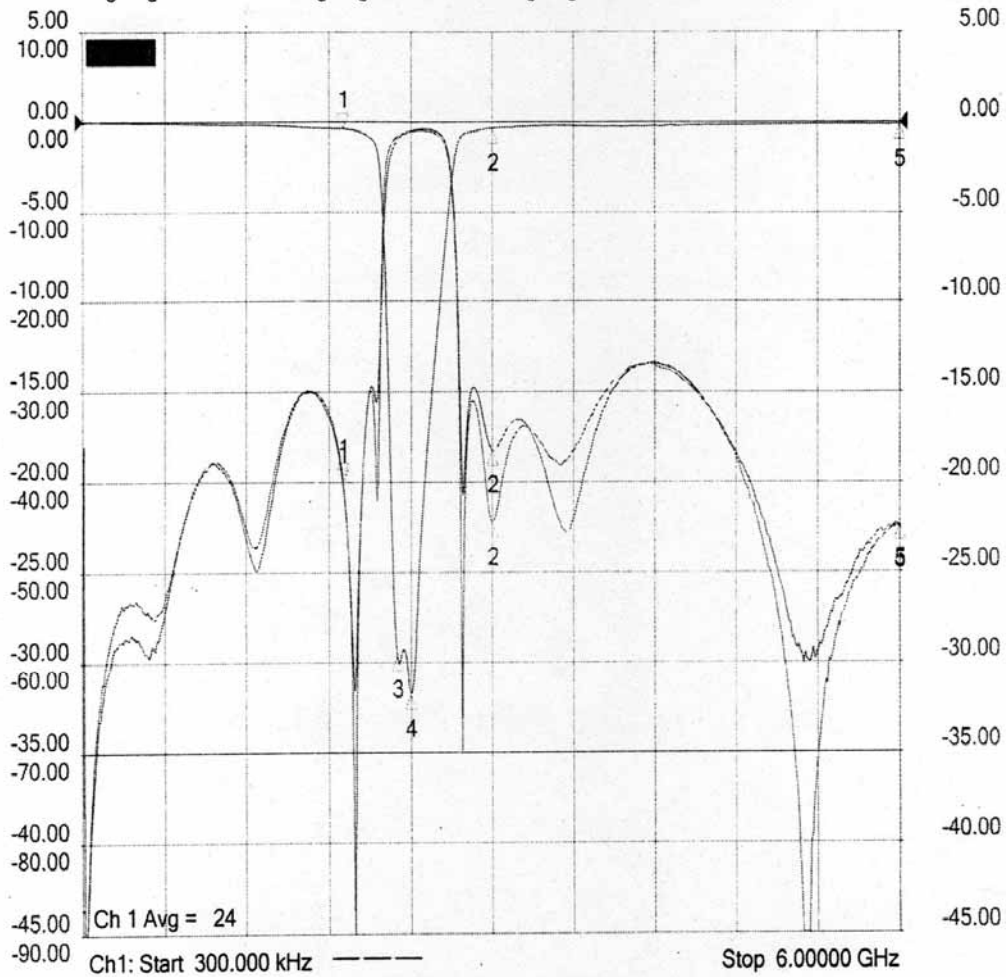
Specifications:	
Passbands (MHz)	0 to 1900 and 3000 to 18000 MHz
Passband Insertion Loss:	1.5 dB maximum
Passband VSWR:	2.0:1 maximum
Notch Rejection:	50 dB min from 2300 to 2400 MHz
Operating Power:	2W max

### Connectors:

Model #:

BRM50710:	SMA Female – SMA Female
BRM50710-01:	SMA Male – SMA Female
BRM50710-02:	SMA Female – SMA Male
BRM50710-03:	SMA Male – SMA Male

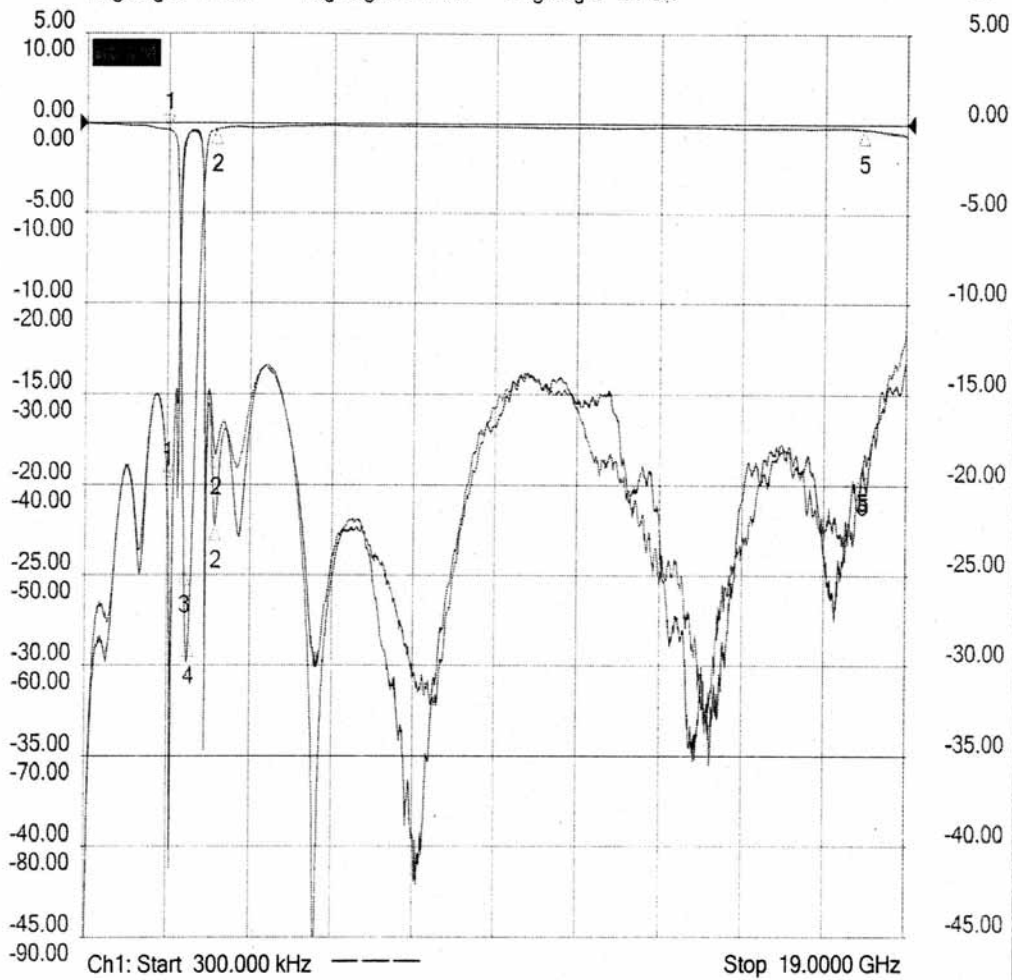
Window 1 (1) S11 dB (2) S14 dB (4) S44 dB  
 LogMag C\* 2-Port LogMag C\* 2-Port LogMag C\* 2-Port



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	Response
1	1	S11	1	C* 2-Port			1	1900 MHz -20.066 dB
							2	3000 MHz -18.235 dB
							5	6000 MHz -22.429 dB
2	1	S14	1	C* 2-Port	1.06		1	1900 MHz -0.77698 dB
							2	3000 MHz -0.69297 dB
							3	2300 MHz -59.215 dB
							4	2400 MHz -63.553 dB
							5	6000 MHz -0.24244 dB
4	1	S44	1	C* 2-Port			1	1900 MHz -19.742 dB
							2	3000 MHz -22.244 dB
							5	6000 MHz -22.314 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	1900 MHz	-20.118 dB
							2	3000 MHz	-18.214 dB
							5	18000 MHz	-19.239 dB
							2	3000 MHz	-0.82235 dB
							3	2300 MHz	-49.440 dB
2	S14	1	C 2-Port		1.06		1	1900 MHz	-0.70923 dB
							2	3000 MHz	-0.70923 dB
							4	2400 MHz	-57.314 dB
4	S44	1	C 2-Port				1	18000 MHz	-0.53017 dB
							2	3000 MHz	-22.261 dB
							5	18000 MHz	-19.023 dB