

The wise choice



Micro-Tronics

for all your filter needs

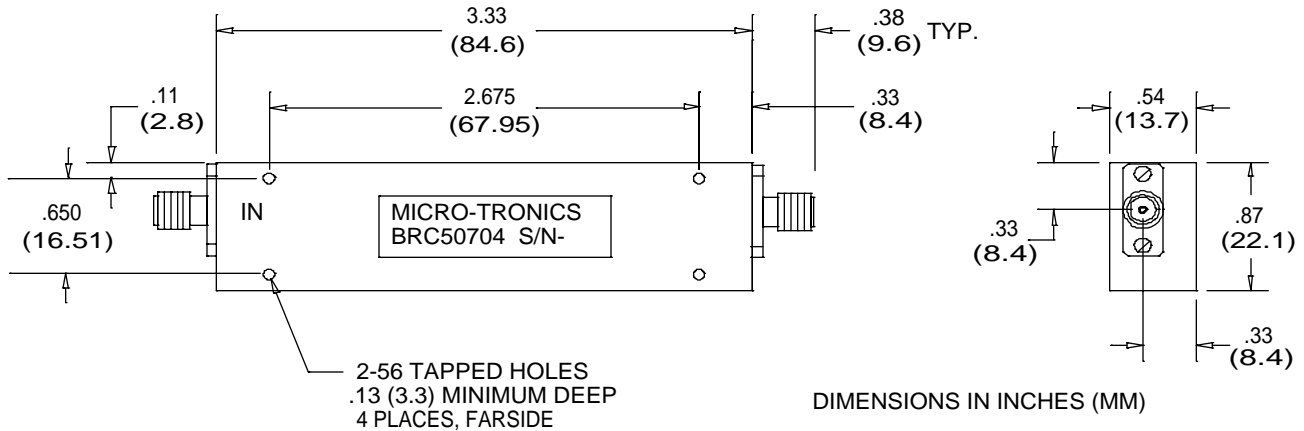
Micro-Tronics is an operating division of O.M. Jones, Inc.

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-Model BRC50704



Micro-Tronics Model BRC50704 was specifically designed to reject the 5470 to 5725 MHz portion of the IEEE 802.11A band while maintaining low insertion loss and a broad upper passband. The basic notch filter design can also be adapted to custom applications in the 5000 to 6000 MHz frequency range for similar bandwidths.

Specifications:	
Passbands (MHz)	0 to 5250, 5950 to 12000
Insertion Loss:	2.0 dB maximum
Passband VSWR:	1.7:1 maximum
Stopband:	45 dB min from 5470 to 5725
Operating Power:	2W max

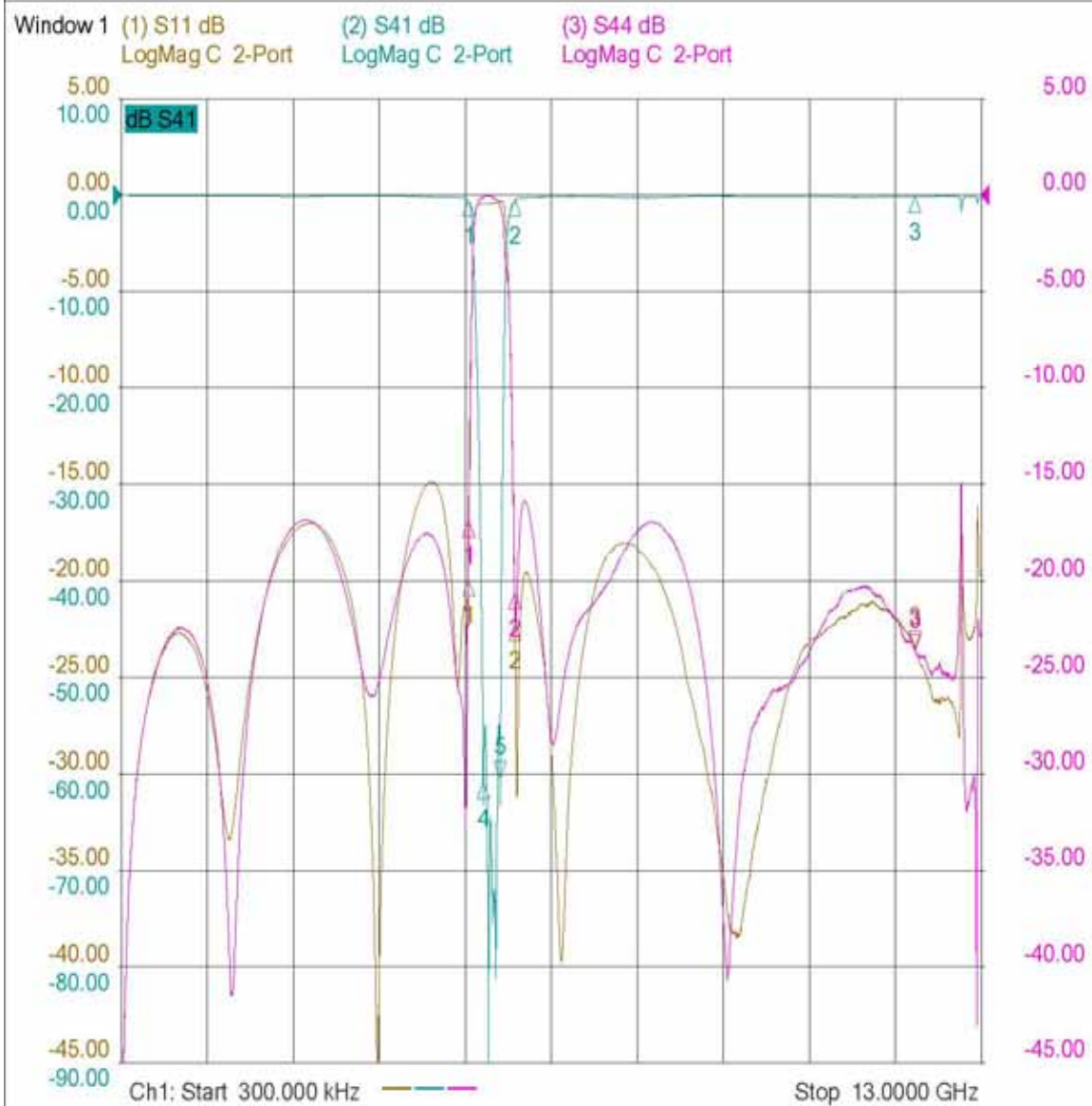
Connectors:

Model #:

BRC50704:	SMA Female – SMA Female
BRC50704-01:	SMA Male – SMA Female
BRC50704-02:	SMA Female – SMA Male
BRC50704-03:	SMA Male – SMA Male

BRC50704 PERFORMANCE DATA

24-Sep-2009 12:12:49



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	13.000000	50.000000	0.054554	6.000000	6.000000	6.000000	6.000000
Trace Attributes										
Window	ID	Trace	Channel	Correction	Options	Marker	Position	Response		
1	1	S11	1	C 2-Port		1	5250 MHz	-19.982 dB		
						2	5950 MHz	-22.274 dB		
						3	12000 MHz	-23.392 dB		
2	S41	1	C 2-Port			1	5250 MHz	-0.50568 dB		
						2	5950 MHz	-0.50080 dB		
						3	12000 MHz	-0.15550 dB		
						4	5470 MHz	-61.807 dB		
						5	5725 MHz	-61.126 dB		
3	S44	1	C 2-Port			1	5250 MHz	-16.856 dB		
						2	5950 MHz	-20.637 dB		
						3	12000 MHz	-23.621 dB		