

The wise choice



Micro-Tronics

for all your filter needs

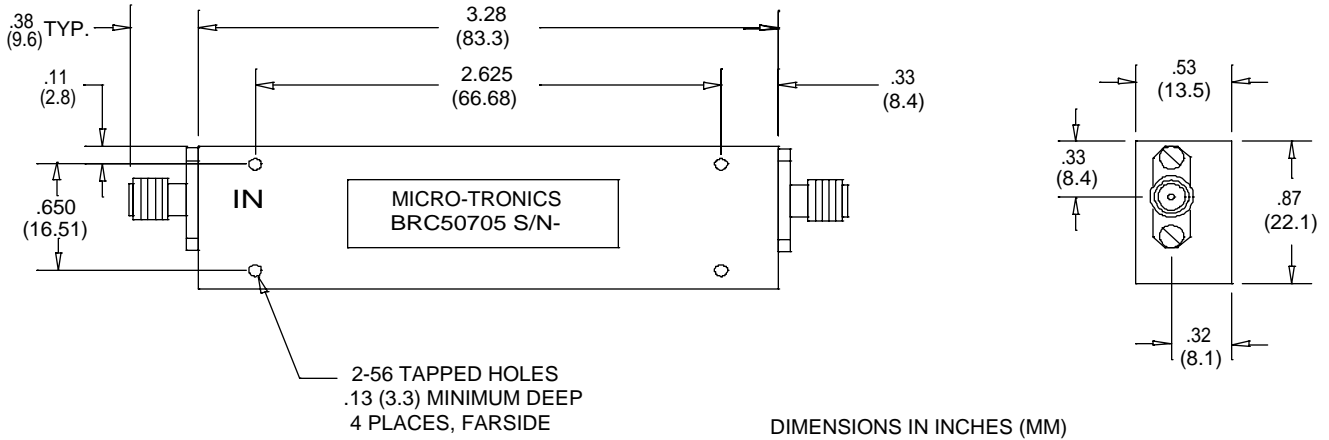
Micro-Tronics is an operating division of O.M. Jones, Inc.

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-Model BRC50705



Micro-Tronics Model BRC50705 was specifically designed to reject the 5725 to 5875 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 5550, 6050 to 12000
Insertion Loss:	2.0 dB maximum
Passband VSWR:	1.7:1 maximum
Stopband:	45 dB min from 5725 to 5875
Operating Power:	2W max

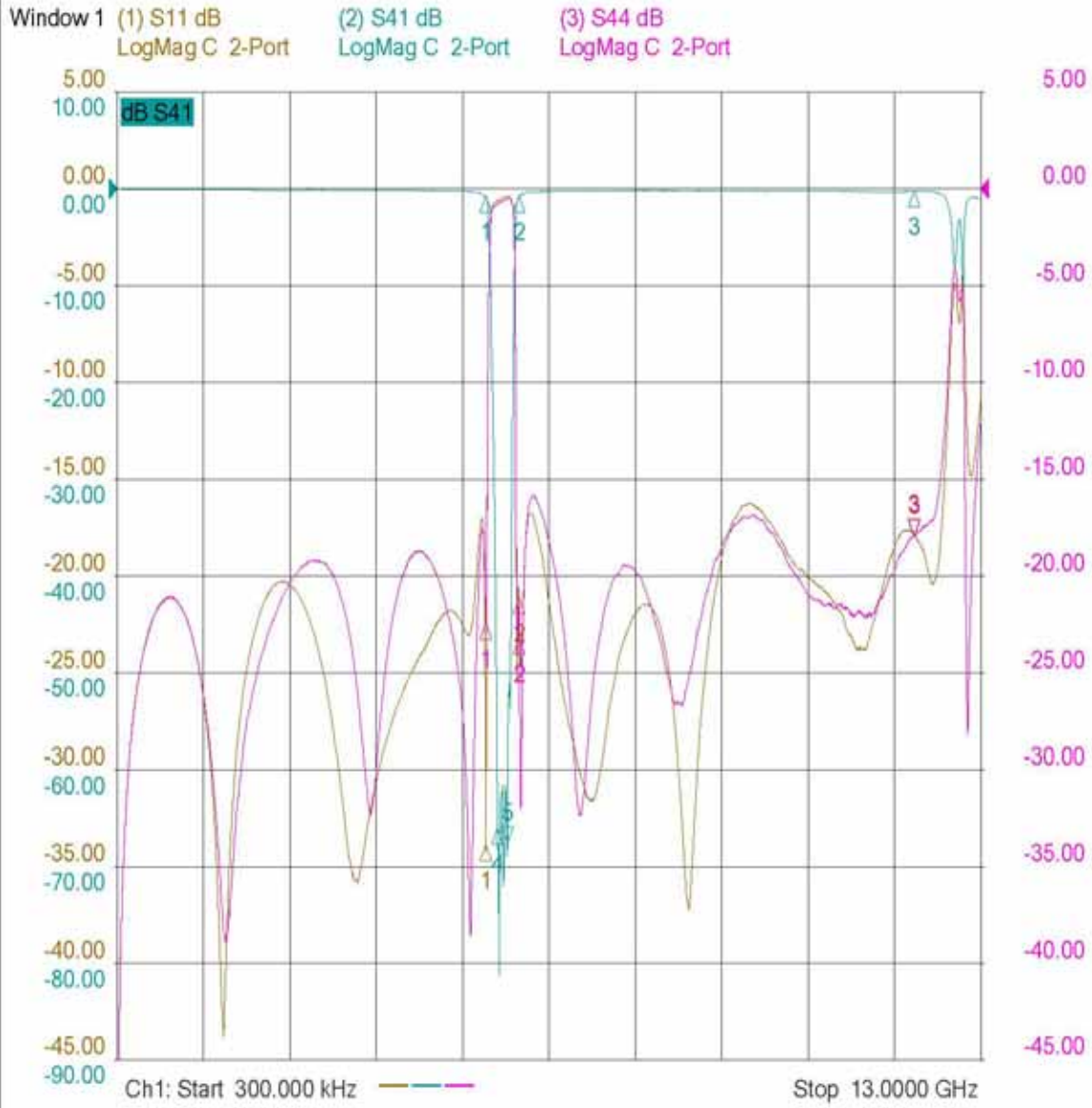
Connectors:

Model #:

BRC50705:	SMA Female – SMA Female
BRC50705-01:	SMA Male – SMA Female
BRC50705-02:	SMA Female – SMA Male
BRC50705-03:	SMA Male – SMA Male

BRC50705 PERFORMANCE DATA

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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	Lin	Freq	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	5550 MHz	-33.818 dB			
						2	6050 MHz	-21.149 dB			
						3	12000 MHz	-17.818 dB			
2	2	S41	1	C 2-Port		1	5550 MHz	-0.77130 dB			
						2	6050 MHz	-0.77022 dB			
						3	12000 MHz	-0.28281 dB			
						4	5725 MHz	-68.077 dB			
						5	5875 MHz	-66.738 dB			
3	3	S44	1	C 2-Port		1	5550 MHz	-22.419 dB			
						2	6050 MHz	-23.215 dB			
						3	12000 MHz	-17.942 dB			