

The wise choice



# Micro-Tronics

for all your filter needs

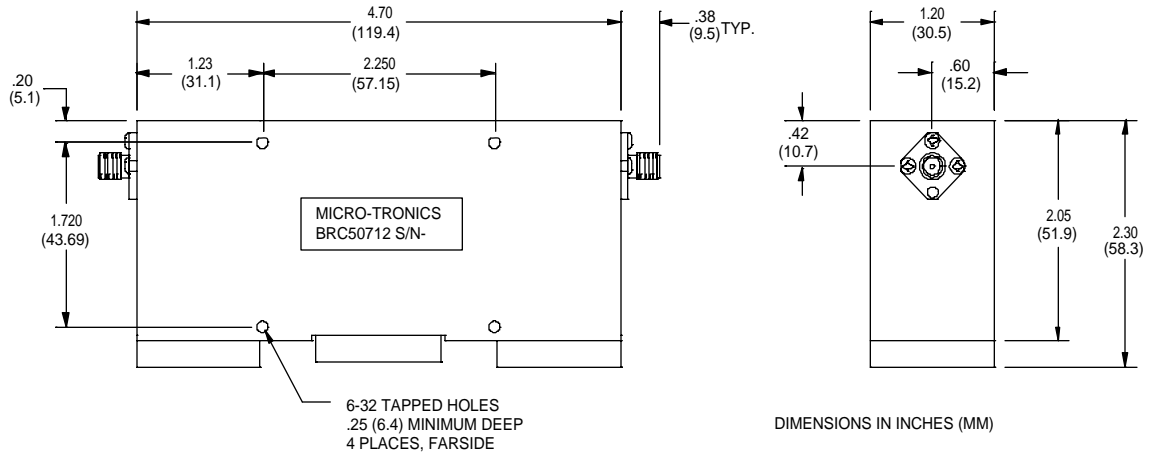
Micro-Tronics is an operating division of O.M. Jones, Inc.

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## -Model BRC50712



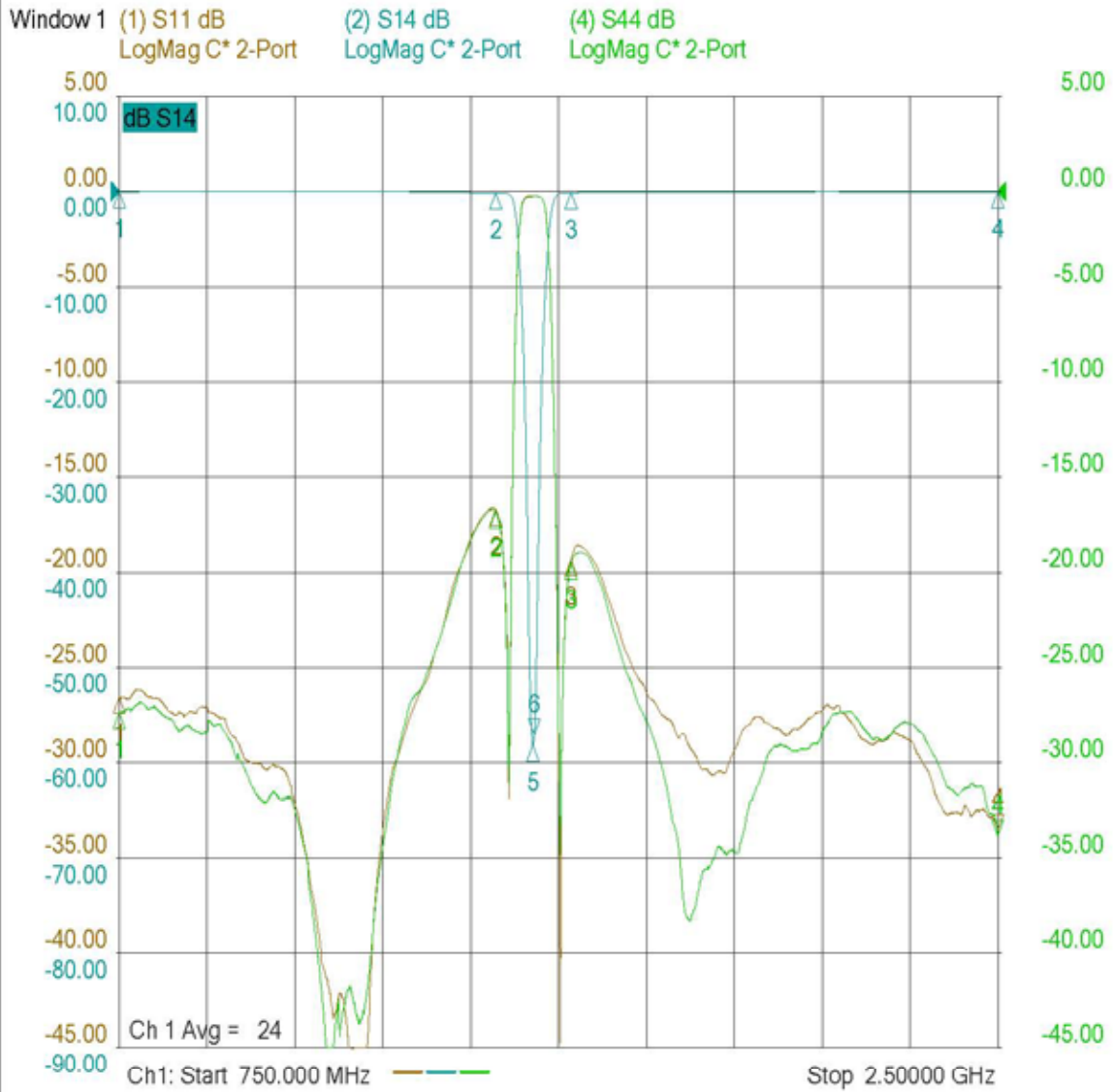
Micro-Tronics Model BRC50712 was specifically designed to reject the GPS L1 band while maintaining low insertion loss and a broad upper passband. The basic notch filter design can also be adapted to custom applications.

Specifications:	
Passbands (MHz)	750 to 1500, 1650 to 2500
Insertion Loss:	1.0 dB maximum
Passband VSWR:	1.5:1 maximum
Stopband:	50 dB min from 1573.92 to 1576.92 MHz
Operating Power:	2W max

### Connectors:

#### Model #:

BRC50712:	SMA Female – SMA Female
BRC50712-01:	SMA Male – SMA Female
BRC50712-02:	SMA Female – SMA Male
BRC50712-03:	SMA Male – SMA Male



Channel Settings										
Channel	Sweep Type	Points	Start (MHz)	Stop (GHz)	IF BW (kHz)	Sweep Time (s)	Pow 1 (dBm)	Pow 2 (dBm)	Pow 3 (dBm)	Pow 4 (dBm)
1	LinFreq	1601	750.000000	2.500000	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	750 MHz	-26.581 dB
							2	1500 MHz	-16.710 dB
							3	1650 MHz	-19.357 dB
							4	2500 MHz	-33.484 dB
2	S14	1	C* 2-Port	1.06			1	750 MHz	-0.08388 dB
							2	1500 MHz	-0.23412 dB
							3	1650 MHz	-0.18943 dB
							4	2500 MHz	-0.09396 dB
							5	1573.92 MHz	-57.320 dB
4	S44	1	C* 2-Port				6	1576.92 MHz	-56.159 dB
							1	750 MHz	-27.400 dB
							2	1500 MHz	-16.819 dB
							3	1650 MHz	-19.528 dB
							4	2500 MHz	-33.855 dB

BRC50713 TYPICAL PERFORMANCE DATA