

The wise choice



Micro-Tronics

for all your filter needs

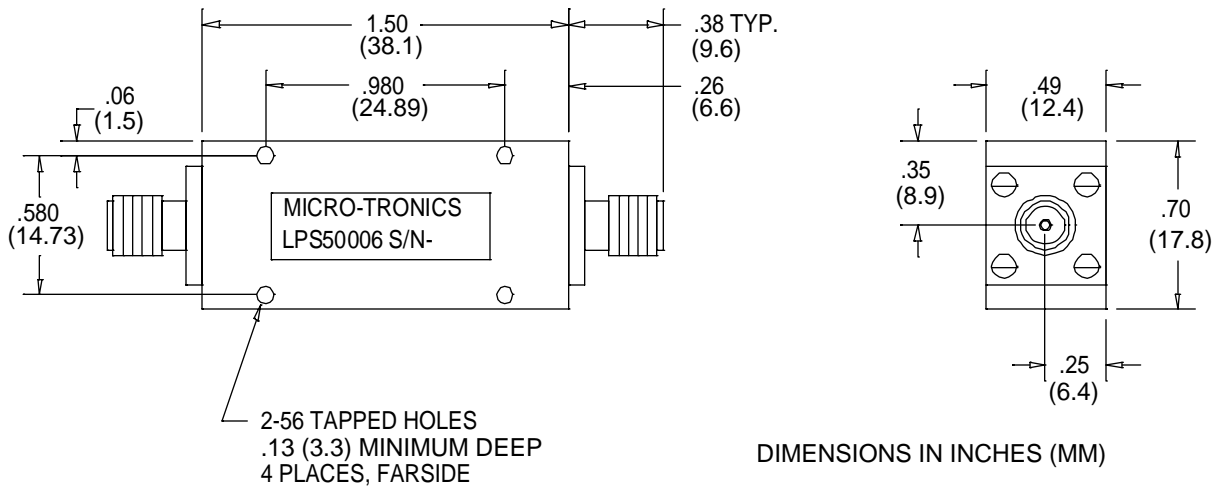
Micro-Tronics is an operating division of O.M. Jones, Inc.

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-Model LPS50006



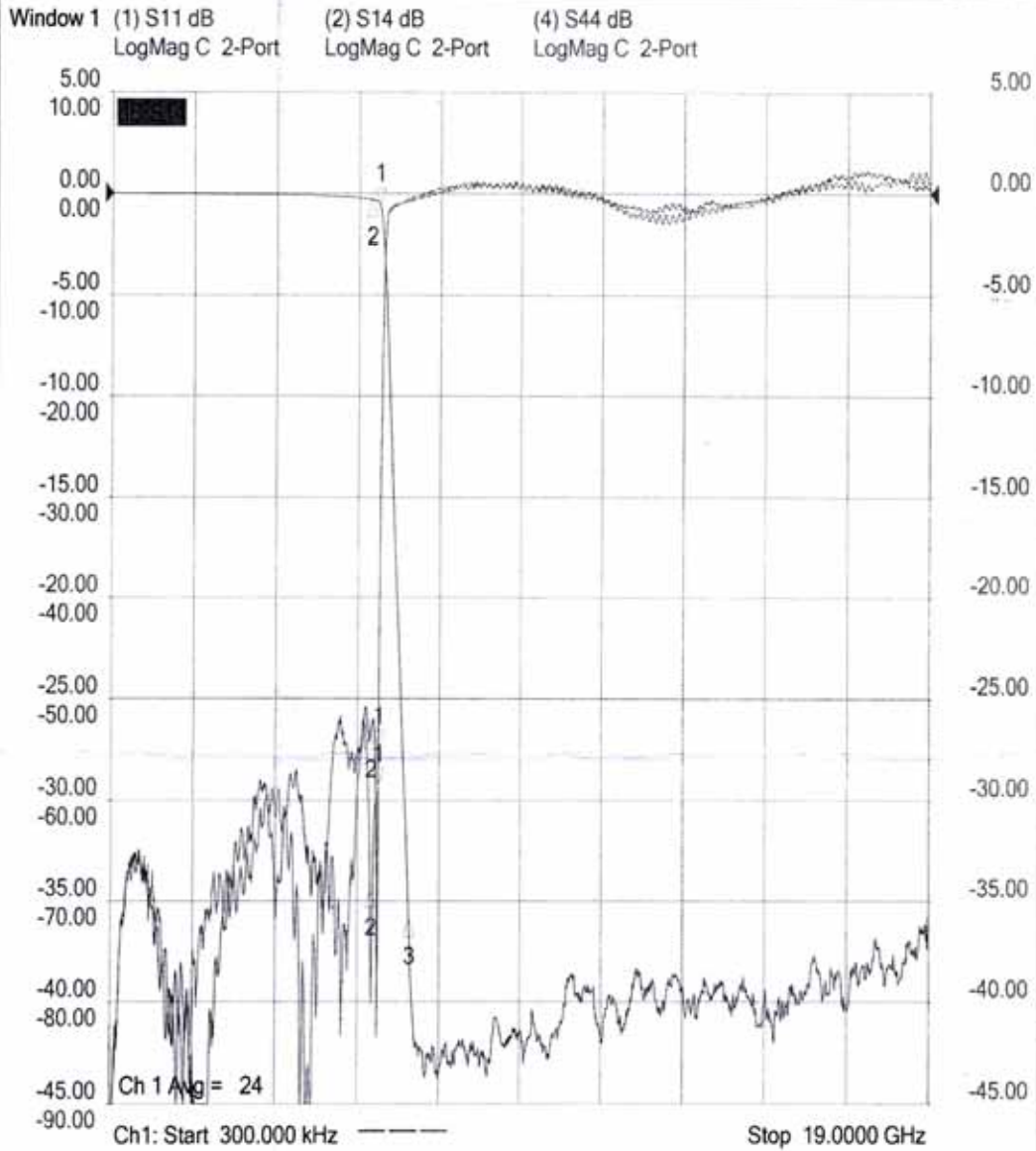
Micro-Tronics Model LPS50006 was specifically designed to pass DC to 6000 MHz and reject 6900 MHz, while maintaining low insertion loss and a broad upper stopband. The basic lowpass filter design can also be adapted to custom applications.

Specifications:	
Passband (MHz)	0 to 6000
Passband Insertion Loss:	1.0 dB maximum
Passband VSWR:	2.0:1 maximum
Stopband:	60 dB min from 6900 to 18000
Operating Power:	2W max

Connectors:

Model #:

LPS50006:	SMA Female – SMA Female
LPS50006-01:	SMA Male – SMA Female
LPS50006-02:	SMA Female – SMA Male
LPS50006-03:	SMA Male – SMA Male



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	6186 MHz	-29.260 dB
							2	6000 MHz	-26.639 dB
2	S14	1	C 2-Port		1.06		1	6186 MHz	-1.1775 dB
							2	6000 MHz	-0.61684 dB
							3	6900 MHz	-71.861 dB
4	S44	1	C 2-Port				1	6186 MHz	-27.402 dB
							2	6000 MHz	-34.485 dB

Tuned