

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF01400007
RoHS

6/13/13 added Max Input Power

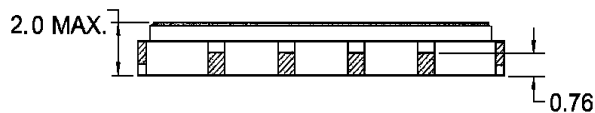
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
6/11/13 DS	06/12/2013 TFG		06/12/2013 GL
6/13/13 ^(kn)	06/13/2013 TFG		06/13/2013 GL

FILTRONETICS Inc

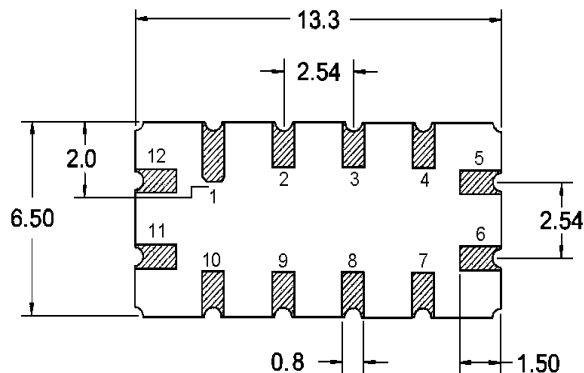
1. Electrical Specifications:

Parameter	Unit	Min.	Typ.	Max.
Center Frequency (Fc)	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	7.20	10.00
1dB Bandwidth	MHz	0.40	0.48	-
3dB Bandwidth	MHz	-	0.73	-
40dB Bandwidth	MHz	-	1.47	1.70
Passband Ripple (Fc±0.1MHz)	dB	-	0.35	1.00
Group Delay Variation (Fc±0.1MHz)	nsec	-	100	250
Absolute Delay	μsec	-	1.53	-
Ultimate Attenuation	dB	42	50	-
Maximum Input Power	dBm	+10		
Substrate Material	-	Quartz		
Operating Temperature	°C	-40 ~ +85		
Temperature Coefficient	ppm/°C	-0.03		

2. Dimension

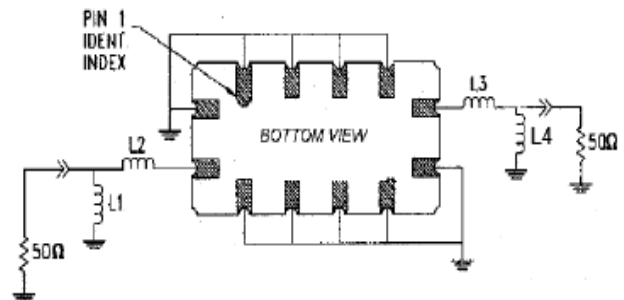


Marking:
SF01400007
Date Code



Input : 11 , Input Gnd : 12
Output : 5 , Output Gnd : 6
Other Pins : Ground

Matching Configuration



L1 = L2 = 68 nH, C1 = 91 pF, C2 = 110 pF

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

3. Typical Performance:

