

SPECIFICATION
COMMERCIALY AVAILABLE

ITEM: SAW BAND PASS
 PART NUMBER: SF0070003
 RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
4/2/10 KN	4/19/2010 SRJ	4/19/2010 BF	6/18/2010 GIL	
12/14/11 kn	12/21/2011 TFG		12/21/2011 GIL	
1/23/12 DS	06/07/2013 TFG		06/07/2013 GIL	
7/15/13 ^(kn)	07/16/2013 TFG		07/16/2013 GIL	

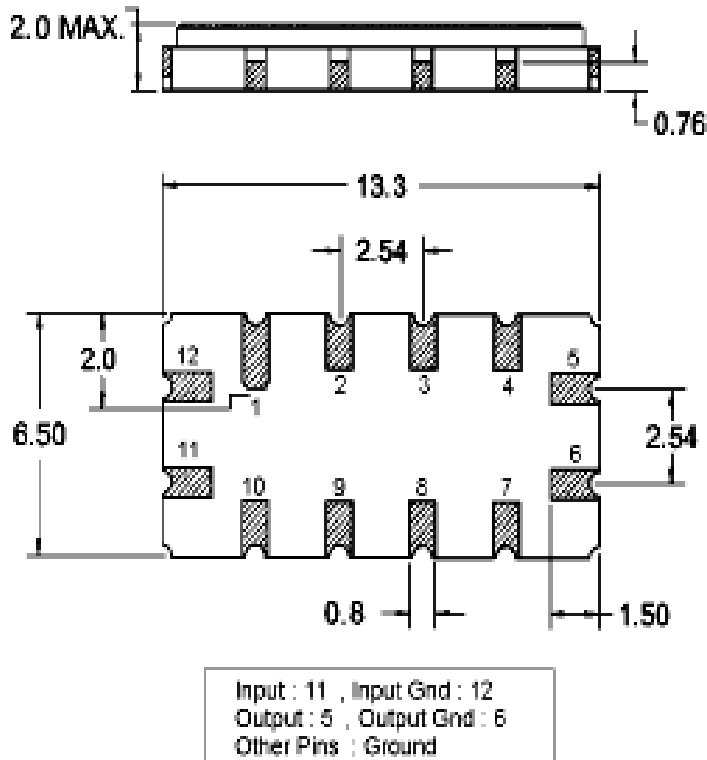
FILTRONETICS Inc

1. Electrical Specifications:

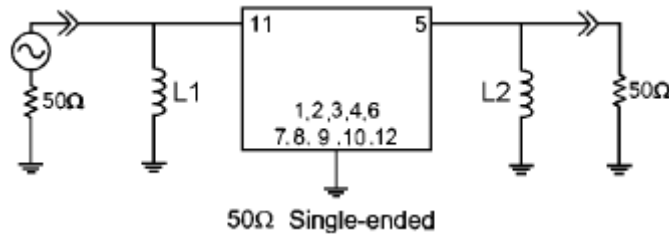
Parameter	Unit	Min	Typ	Max
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	11.00	13.00
1dB Bandwidth	MHz	-	2.90	-
3dB Bandwidth	MHz	3.00	3.45	-
40dB Bandwidth	MHz	-	5.60	6.00
Passband Ripple	dB	-	0.30	0.70
Group Delay Variation (Fc±1.5MHz)	nsec	-	60	90
Absolute Delay	µsec	-	1.23	-
Ultimate Attenuation	dB	40	48	-
Substrate Material	-	112-LiTaO ₃		
Temperature Coefficient	ppm/°C	-20		

2. Mechanical Package:

Marking:
 Filtronetics, Inc
 SF0070003
 Date code



Matching Configuration



L1=68nH, L2=68nH
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

3. Typical Performance:

