

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0070028
RoHS

Revision Made:

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
6/18/10 kn	6/24/2010 SRJ	6/24/2010 BF	6/24/2010 GIL

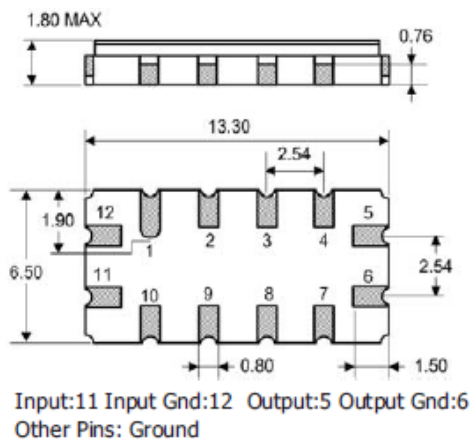
FILTRONETICS Inc

1. Electrical Specifications:

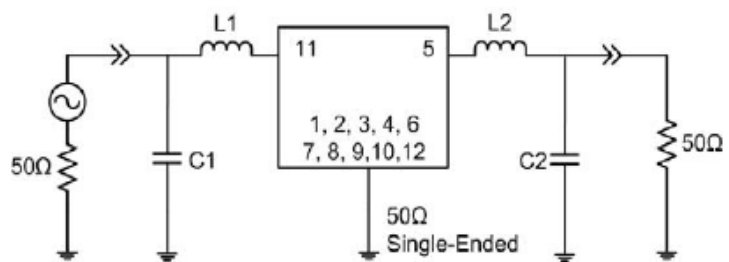
Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB		17.5	20.0
1 dB Bandwidth	MHz	-	27.80	
3 dB Bandwidth	MHz	28.50	28.75	
40 dB Bandwidth	MHz		33.60	34.50
Passband Ripple	dB		0.55	1.00
Group Delay Variation	nsec		50	100
Absolute Delay	μsec		1.05	
Ultimate Rejection	dB	40	50	
Package	mm ²	13.3 x 6.5		
Substrate Material		YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-94		

Marking:
SF0070028
Date Code

2. Dimensions:



Matching Configuration



L1=L2=150nH, C1=C2=24pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

3. Typical Performance:

