

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS
PART NUMBER: SF070100A

10/19/12 Added square corner orientation note, per ECO 4413:

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
9/25/2007**				
10/19/2012 GL				10/19/2012 TFG

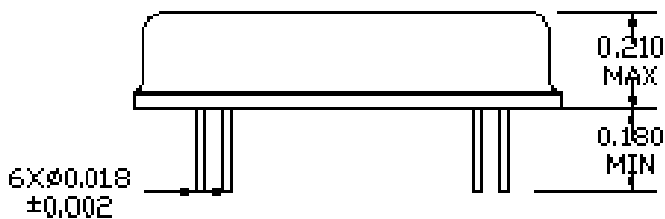
FILTRONETICS Inc

1. Part Number: SF070100A

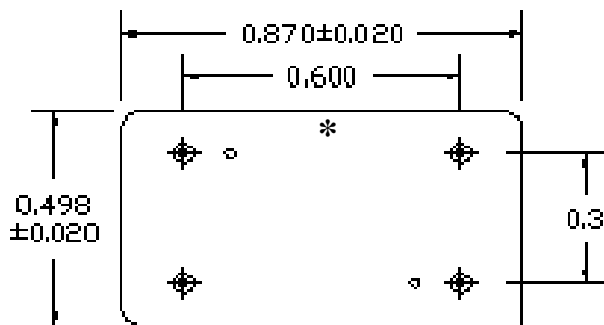
2. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.0	70.10
Insertion Loss at F ₀	dB		26	26.8
1 dB Bandwidth	MHz	10.1	10.20	
3 dB Bandwidth	MHz	10.4	10.53	
40dB Bandwidth	MHz		11.96	12.1
Passband Variation	dB		0.8	0.9
Group Delay Variation	nsec		50	
Absolute Delay	usec		2.2	
Ultimate Rejection	dB	50	52	
Substrate Material	-		YZ LiNbO ₃	
Ambient Temperature	°C		25	

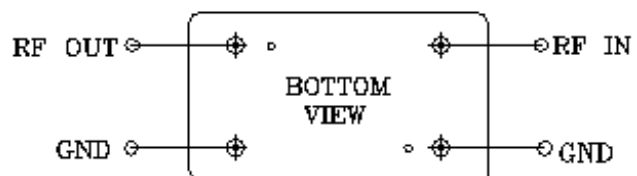
3. Mechanical Package:



Marking:
SF070100A
Date Code

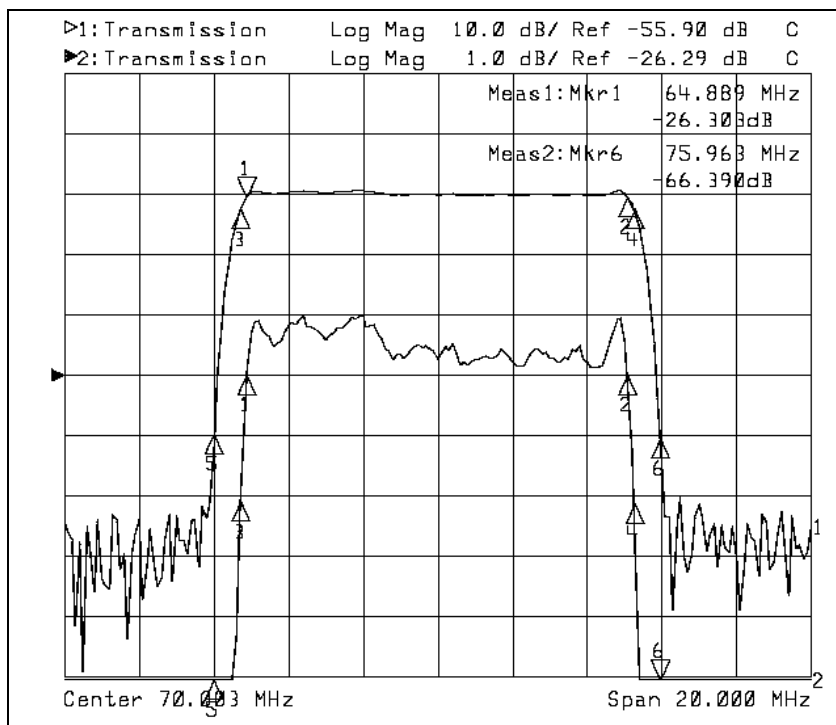


* Note:
Square corner
denotes orientation.

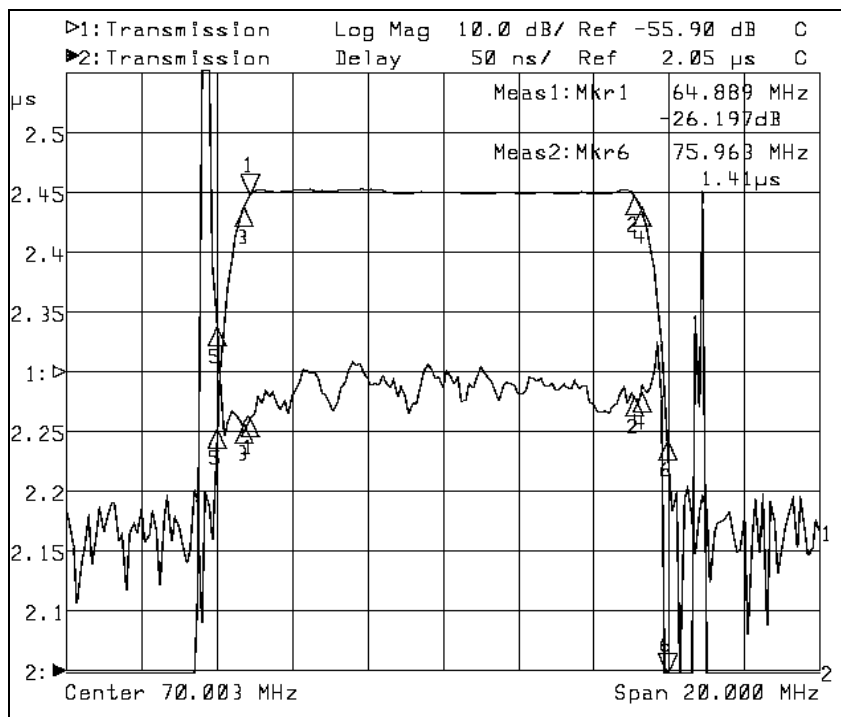


No Matching Required
Source/Load Impedance=50ohm
Package Style XI

4. Plots:



Horizontal: 2MHz/Div
Vertical: 1db & 10dB/Div



Horizontal: 2MHz/Div
Vertical: 50nsec/Div