

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070188

Prepared By:

Revised By:

Revised per ECO 4413: Added square corner orientation note.

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
10/19/2012 GL				10/19/2012 TFG

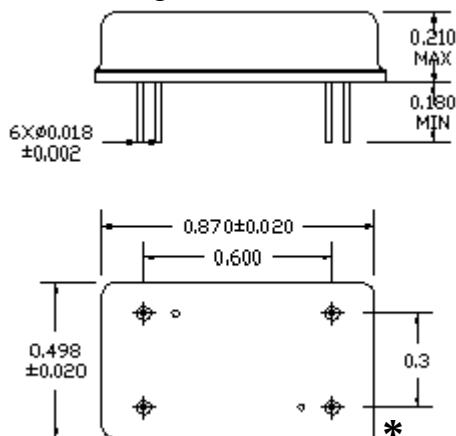
FILTRONETICS Inc

1. Part Number: SF070188

2. Electrical Specifications:

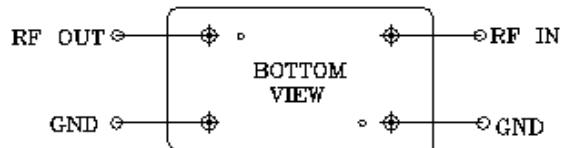
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.80	70.0	70.20
Insertion Loss at F_0	dB		30.0	31
1 dB Bandwidth	MHz	17.6	17.70	
3 dB Bandwidth	MHz	18.6	18.66	
40dB Bandwidth	MHz		23.10	23.3
Passband Variation	dB		0.6	0.9
Group Delay Variation	nsec		30.0	
Absolute Delay	usec		1.28	
Ultimate Rejection	dB	50	52	
Substrate Material	-		128LiNbO ₃	
Ambient Temperature	°C		25	

3. Mechanical Package:



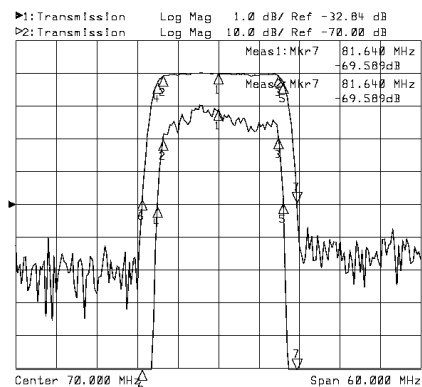
* Note:

Square corner denotes orientation.



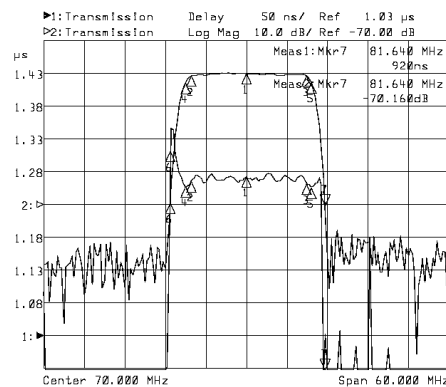
No Matching Required
Source/Load Impedance=50ohm
Package Style XI

4. Plots:



Horizontal: 6MHz/Div

Vertical: 1db & 10dB/Div



Horizontal: 6MHz/Div

Vertical: 50nsec/Div