

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070220

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

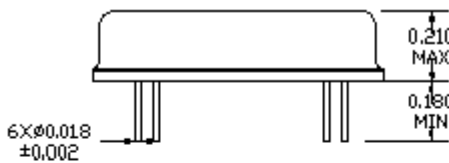
FILTRONETICS Inc

1. Part Number: SF070220

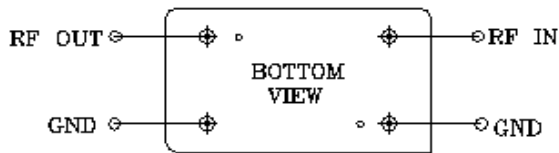
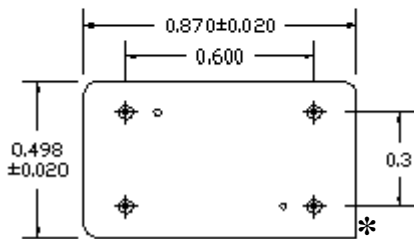
2. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.75	70.0	70.25
Insertion Loss at F ₀	dB		31	32.0
1 dB Bandwidth	MHz	20.5	21.0	
3 dB Bandwidth	MHz	22.0	22.6	
40dB Bandwidth	MHz		26.5	27.0
Pass band Variation	dB		0.5	0.7
Group Delay Variation	nsec		8	15
Absolute Delay	usec		0.86	
Ultimate Rejection	dB	50	55	
Substrate Material	-		128LiNbO ₃	
Ambient Temperature	°C		25	

3. Mechanical Package:



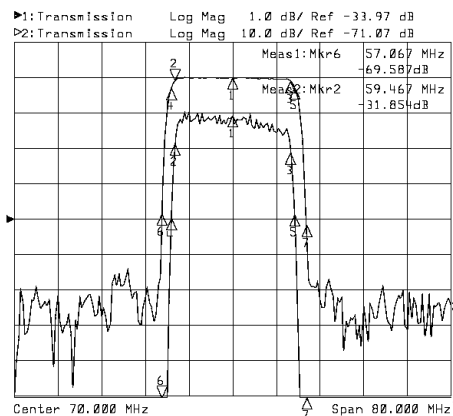
Marking: SF070220
 Filtronetics
 Date Code



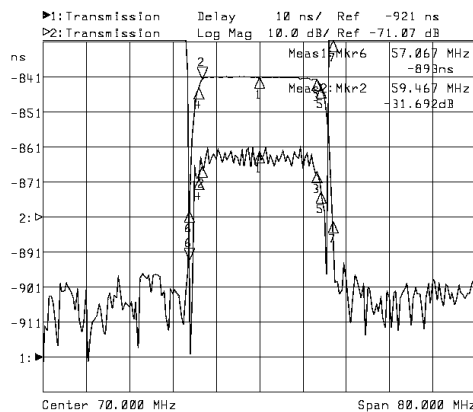
No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI

* Note:
 Square corner denotes orientation.

4. Plots:



Horizontal: 8MHz/Div
 Vertical: 1db & 10dB/Div



Horizontal: 8MHz/Div
 Vertical: 10nsec/Div