

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070095A

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

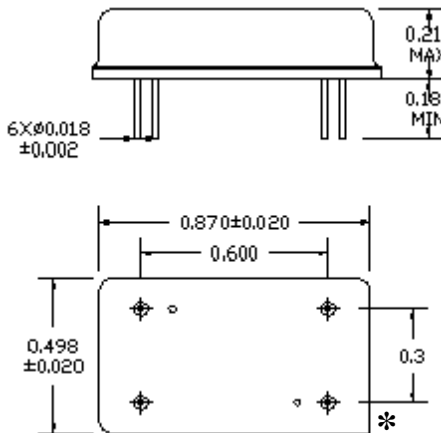
FILTRONETICS Inc

1. Part Number: SF070095A

2. Electrical Specifications:

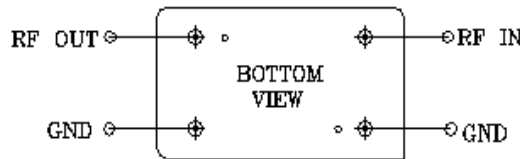
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.0	70.10
Insertion Loss at F ₀	dB		25.0	25.8
1 dB Bandwidth	MHz	9.04	9.1	
3 dB Bandwidth	MHz	9.5	9.60	
40dB Bandwidth	MHz		11.45	11.6
Passband Variation	dB		0.4	0.5
Group Delay Variation	nsec		40	50
Absolute Delay	usec		2.0	
Ultimate Rejection	dB	50	53	
Substrate Material	-		128LiNbO ₃	
Ambient Temperature	°C		25	

3. Mechanical Package:



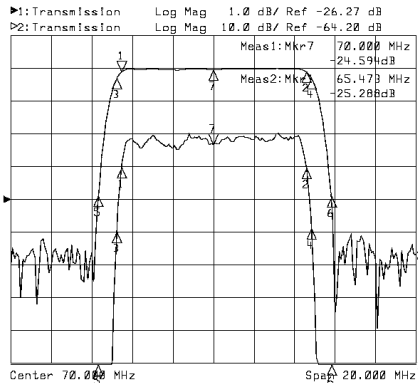
* Note:

Square corner denotes orientation.

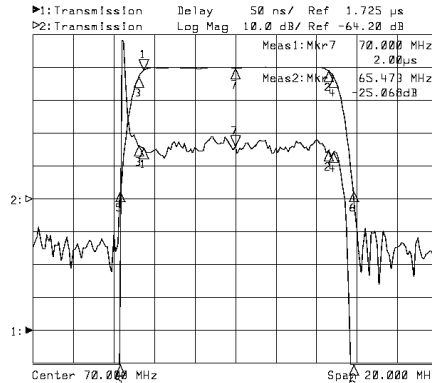


No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI

4. Plots:



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



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