

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070110A

Revised per ECO 4413: Added square corner orientation note.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
3/14/06 PM			
1/18/11 PM			
10/19/2012 GL	10/19/2012 TFG		10/19/2012 GL

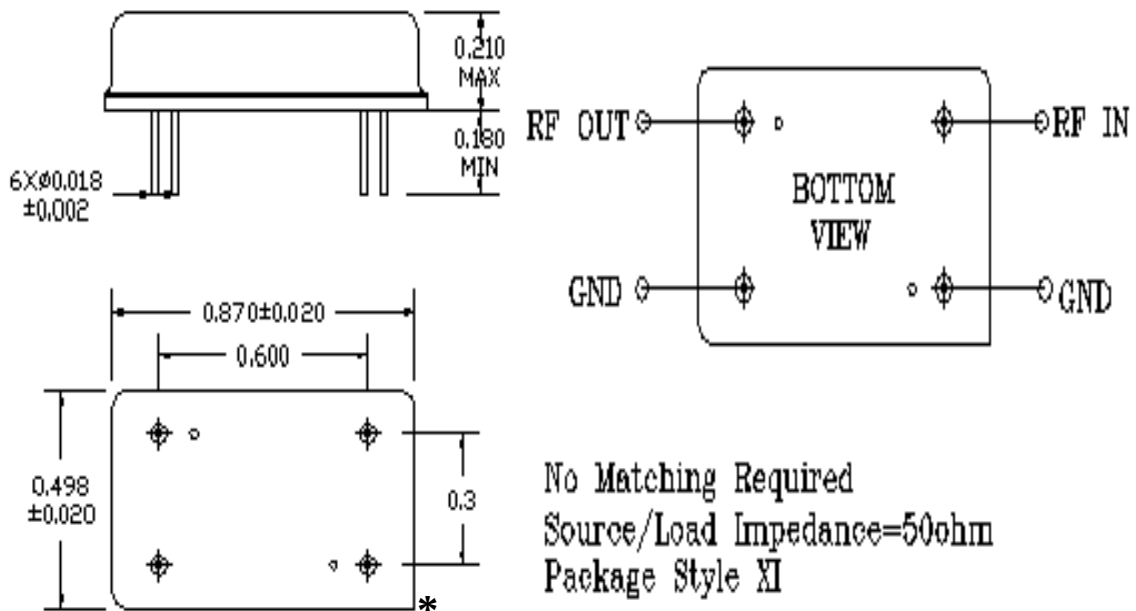
FILTRONETICS Inc

1. Part Number: SF070110A**2. Electrical Specifications:**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.0	70.10
Insertion Loss at F_0	dB		25	26.0
1 dB Bandwidth	MHz	10.5	10.8	
3 dB Bandwidth	MHz	11.0	11.5	
40dB Bandwidth	MHz		13.8	14.2
Pass band Variation	dB		0.8	1.0
Group Delay Variation	nsec		30	40
Absolute Delay	usec		1.8	
Ultimate Rejection	dB	50	55	
Substrate Material	-		YZ LiNbO ₃	
Ambient Temperature	°C		25	

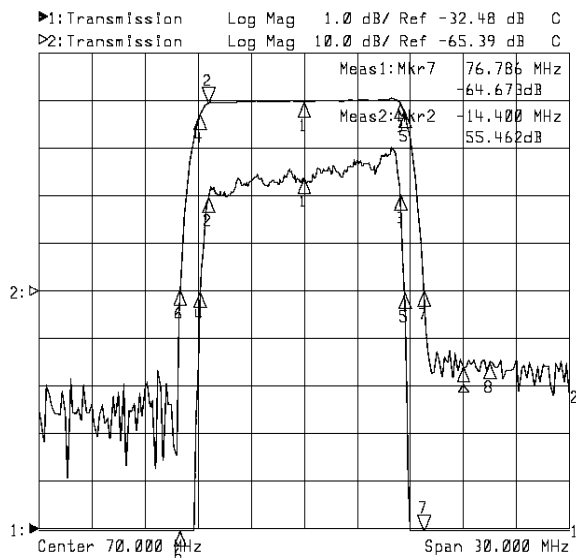
3. Mechanical and Marking:

Filtro
SF070110A
wwyy



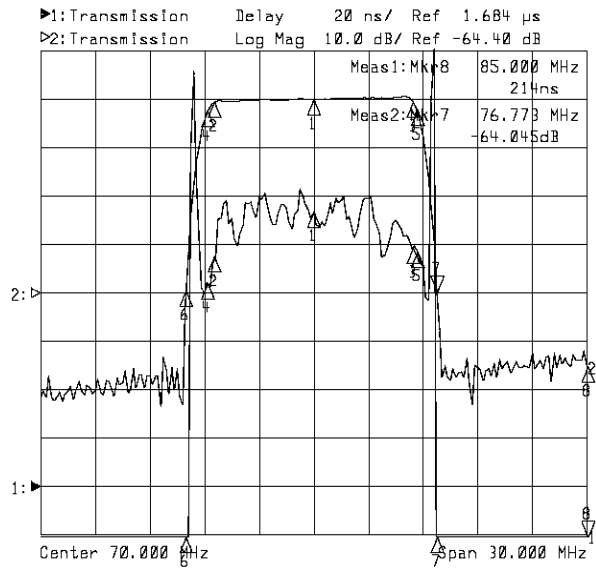
* Note:
Square corner denotes orientation.

4. Plots:



Horizontal: 3MHz/Div

Vertical: 1db & 10dB/Div



Horizontal: 3MHz/Div

Vertical: 20nsec/Div