

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070252A
RoHS Compliant

Revised per ECO 4413: Added square corner orientation note.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/6/06 XX			
1/18/11 PM			
10/19/2012 GL	10/19/2012 TFG		10/19/2012 GL

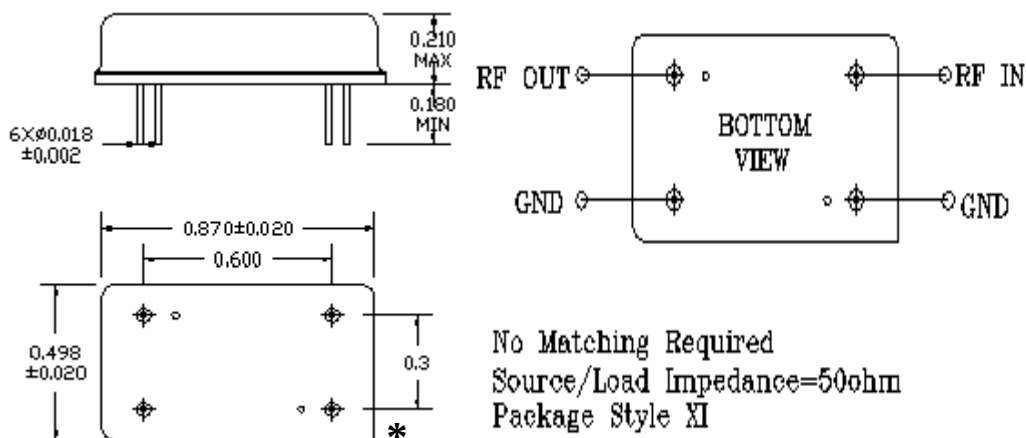
FILTRONETICS Inc

1. Part Number: SF070252A RoHS COMPLIANT**2. Electrical Specifications:**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.75	70.0	70.25
Insertion Loss at F_0	dB		33.0	34
1 dB Bandwidth	MHz	23.75	23.88	
3 dB Bandwidth	MHz	25.2	25.29	
40dB Bandwidth	MHz		29.70	29.95
Passband Variation	dB		0.8	0.9
Group Delay Variation	nsec		10.0	20
Absolute Delay	usec		1.40	
Ultimate Rejection	dB	45	48	52
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

3. Mechanical Package and Marking:

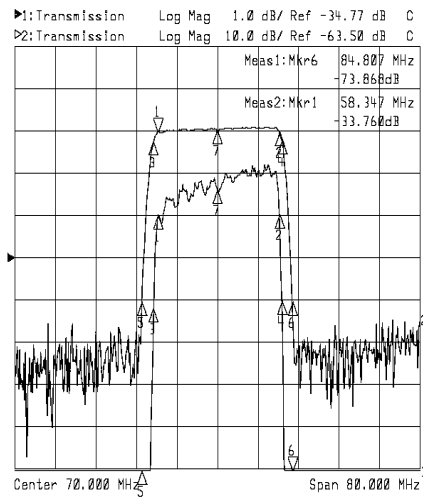
Filtro
SF070252A
WWYY



* Note:

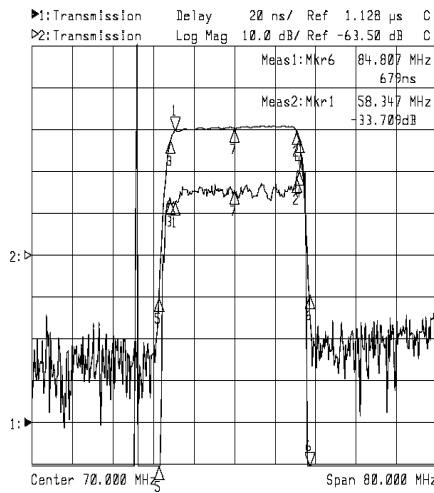
Square corner denotes orientation.

4. Plots:



Horizontal: 8MHz/Div

Vertical: 1db & 10dB/Div



Horizontal: 8MHz/Div

Vertical: 20nsec/Div