

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
 PART NUMBER: SF070014B
 RoHS

Revision Made:12/08/08 Updated Marking

11/03/10 Updated Marking

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/06/06 **			
12/08/08 **			
11/03/10 DS	11/4/2010 SRJ	11/4/2010 BF	11/4/2010 GL

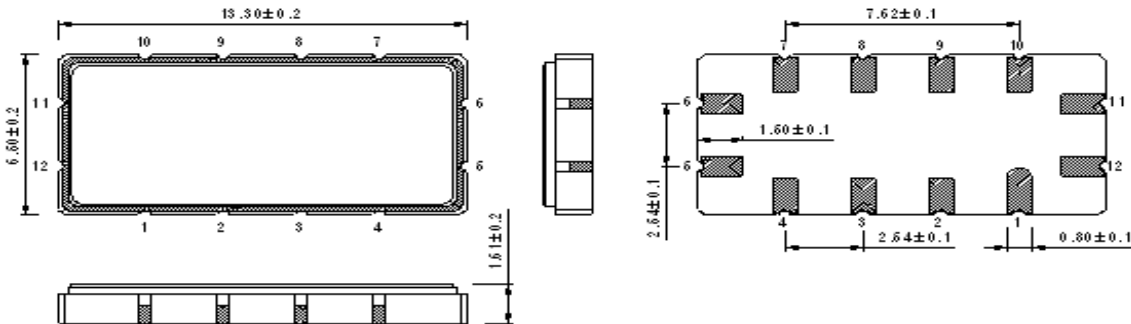
FILTRONETICS Inc

1. Part Number: SF070014B RoHS COMPLIANT

2. Electrical Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.80	70.0	70.20
Insertion Loss at F ₀	dB		4.0	4.5
1 dB Bandwidth	MHz		0.80	
3 dB Bandwidth	MHz	1.45	1.50	
40 dB Bandwidth	MHz		4.0	4.5
Pass band Variation	MHz		0.5	0.6
Group Delay Variation	nSec		100	
Ultimate Rejection	dB		40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

3. Mechanical Package (mm)

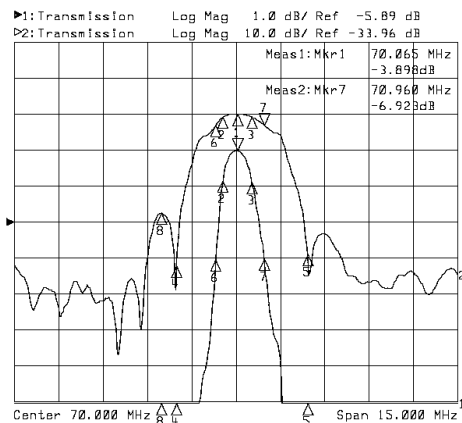


Dimensions shown are nominal in millimeters
 Body : Al₂O₃ Ceramic
 Lid: Kovar, Ni Plated
 Terminations: Au plating 0.3 ~ 1.0 um,
 Over a 1.27 ~ 8.89 um Ni Plating

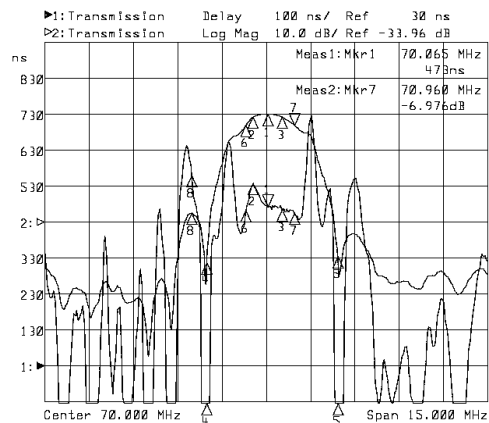
Marking Requirement
SF070014B
Country Of Origin

Pad Configuration	
11	Input
5	Output
6, 12	Ground
Other	Case ground

4. Plots



Horizontal: 1.5MHz/Div; Vertical: 1db & 10db/Div



Horizontal: 1.5MHz/Div; Vertical: 1db & 10db/Div