

# SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER  
PART NUMBER: SF070220A

Prepared By:

Revised By:

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

**FILTRONETICS Inc**

**1. Part Number: SF070220A**

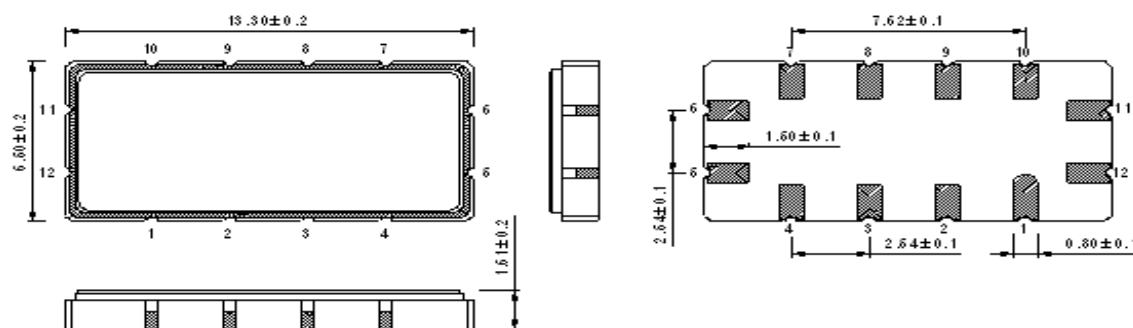
**2. Electrical Specifications:**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.75	70.0	70.25
Insertion Loss at F <sub>0</sub>	dB		31	32.0
Insertion Loss at F <sub>0</sub> With Matching	dB		27	28
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	
Group Delay Variation over any 1MHz PB span	nsec		10 nSec	
Absolute Delay	usec		0.86	
Ultimate Rejection	dB	50	55	
Substrate Material	-		128LiNbO <sub>3</sub>	
Ambient Temperature	°C		25	

**3. Mechanical Package:**

Marking: SF070220A  
 Filtronetics  
 Date Code

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



**4. Plots:**

TBD