

# SPECIFICATION

## COMMERCIALY AVAILABLE

**SAW BAND PASS**  
**PART NUMBER: SF0070001J**

RoHS

**08/19/2022 – Specifications Updated After Production**

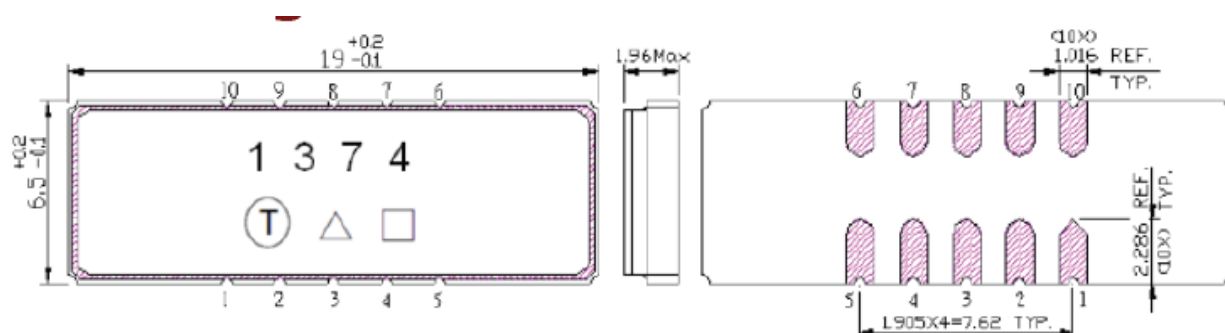
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
1/29/18 <sup>(kn)</sup>			
08/19/2022 <sup>(asm)</sup>			

**FILTRONETICS Inc**

**1. Electrical Specifications:**

Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.90	70.00	70.10
Insertion Loss	dB	-	9.2	11.5
-1 dB Bandwidth	MHz	0.80	0.92	-
-3 dB Bandwidth	MHz	1.10	1.20	-
-40 dB Bandwidth	MHz	-	2.20	2.30
Amplitude Ripple	dB	-	0.70	1.00
Group Delay Variation	nsec	-	350	400
Ultimate Rejection	dB	45	55	-
Package	mm <sup>2</sup>	13.3 x 6.5 x 1.8		
Source and Load Impedances	Ω	50 / 50		

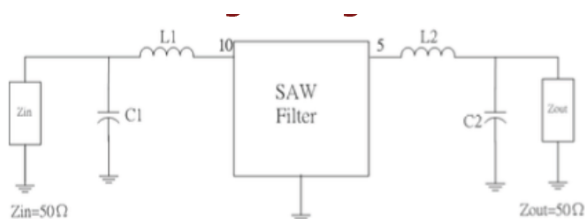
**2. Dimensions:**



**Pin 10: Input**  
**Pin 5: Output**  
**Others: Ground**  
**Unit: mm**

**Marking:**  
**SF0070001J**  
**Date Code**

**Matching Circuit**



L1 = L2 = 100 mH, C1 = 100 pF, C2 = 56 pF  
 Source / Load Impedance = 50 Ω  
 Ambient Temperature = 25°C

### 3. Response Plots:

