

SPECIFICATION
COMMERCIALY AVAILABLE

ITEM: SAW BAND PASS
PART NUMBER: SF070005A

Revised per ECO 4413: Added square corner orientation note.

2/4/13 Corrected Marking and Electrical.

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
12/14/2004 **				
11/19/2012 kn				
01/23/2013 GL	01/23/2013 TFG	01/23/2013 GL	01/23/2013 GL	01/23/2013 TFG
2/4/13 PM	02/11/2013 TFG	02/11/2013 GL	02/11/2013 GL	02/11/2013 TFG

FILTRONETICS Inc

1. Part Number: SF070005A

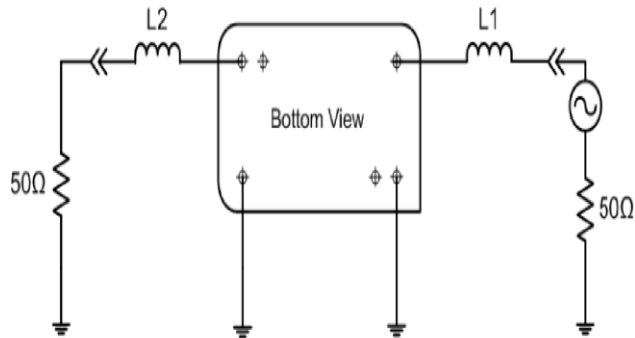
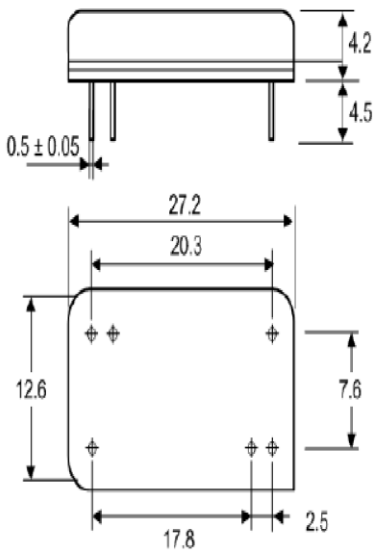
2. Electrical Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.92	70	70.08
Insertion Loss at F ₀	dB		20.5	22.0
1 dB Bandwidth	MHz	0.58	0.65	
3 dB Bandwidth	MHz	0.75	0.85	
40dB Bandwidth	MHz		1.68	2
Passband Ripple	dB		0.3	0.5
Group Delay Variation	nsec		150	300
Absolute Delay	usec		3.5	
Ultimate Attenuation	dB	50	60	
Substrate Material	-		Quartz	
Temperature Coefficient	Ppm/°C		-0.03	

3. Mechanical Package

Marking:
 Filtronetics
 SF070005A
 Date Code

Matching Configuration



L1 = L2 = 180 nH
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

Dimensions in mm

* Note:
 Square corner denotes orientation.

4. Typical Performance:

