

SPECIFICATION
COMMERCIALY AVAILABLE

ITEM: SAW BAND PASS
 PART NUMBER: SF0070003F
 RoHS

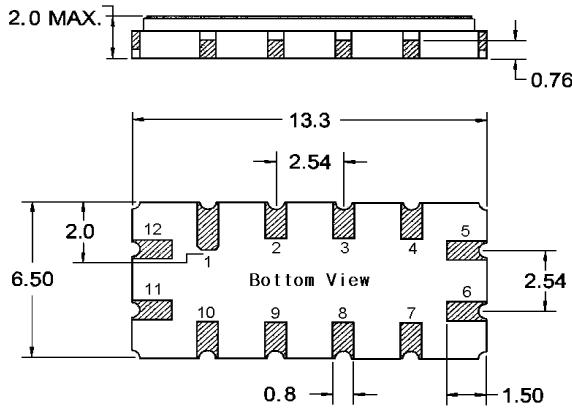
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
9/13/13 (dg)			

FILTRONETICS Inc

1. Electrical Specifications: SF0070003F

Frequency Characteristics		Minimum	Typical	Maximum
Center Frequency	MHz	-	70.00	-
Insertion Loss	dB	-	22.00	24.00
1dB Bandwidth	MHz	2.95	3.10	-
3dB Bandwidth	MHz	-	3.35	-
45dB Bandwidth	MHz	-	-	5.00
Attenuation	dB	45	-	-
Amplitude Ripple	dB	-	0.60	1.00
Absolute Delay	µsec	-	1.65	-
Group Delay Variation	nsec	-	100	200
Substrate Material	-		LiTaO ₃	
Operating Temperature	°C	-20 to +65		
Storage Temperature	°C	-30 to +70		
Temperature Coefficient of Frequency	ppm/°C	-	-20	-
Humidity		90% @ +40°C		
Random Vibration		8grms		
Package	mm	13.3*6.5mm(SMD)		

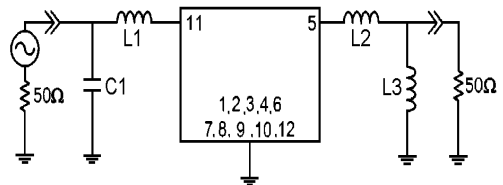
2. Dimension:



Input : 11 , Input Gnd : 12
 Output : 5 , Output Gnd : 6
 Other Pins : Ground

Marking:
 SF0070003F
 Date Code

Matching Configuration



50Ω Single-ended

L1 = L2 = L3 = C2 = T.B.D
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C.

Simulation

