

SPECIFICATION

COMMERCIALLY AVAILABLE

SAW BAND PASS
PART NUMBER: SF0070016B

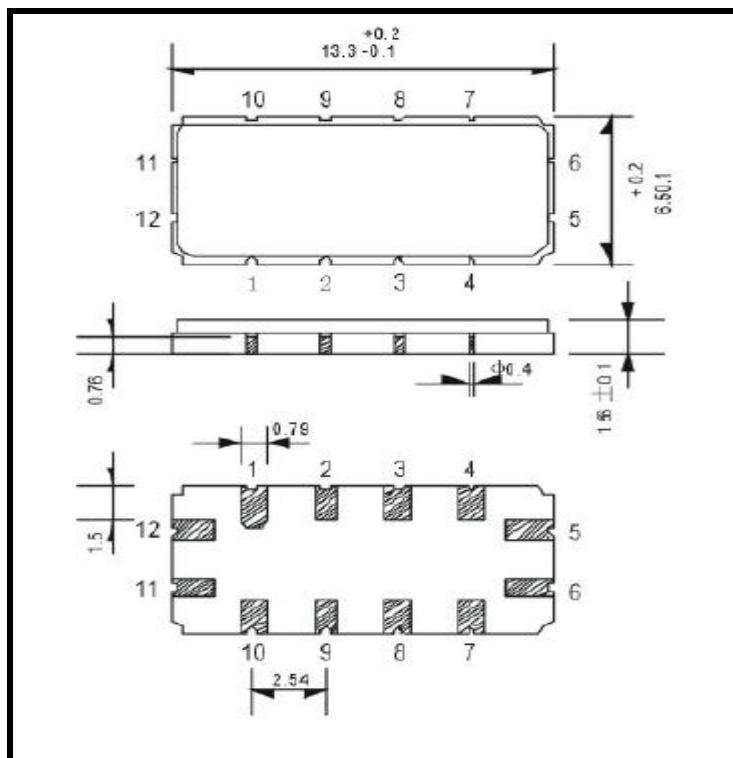
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
1/29/18 ^(kn)			

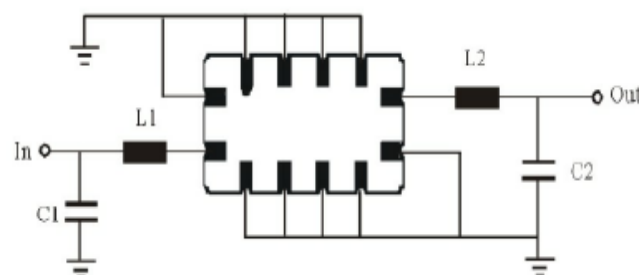
FILTRONETICS Inc

1. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.80	70.00	70.20
Insertion Loss at Fo	dB	-	11.5	13.5
1 dB Bandwidth	MHz	15.00	-	-
3 dB Bandwidth	MHz	16.00	-	-
40 dB Bandwidth	MHz	-	-	22.00
Phase Linearity: 62.8 – 7.72 MHz	deg p-p	-	7.75	11.5
Group Delay Variation: 62.8 – 7.72 MHz	nsec p-p	-	70	100
Absolute Group Delay: 62.8 – 7.72 MHz	μsec	-	1.07	-
Passband Variation	dB	-	0.9	1.10
Ultimate Rejection	dB	38	40	-
Ambient Temperature	°C	-40	25	80

2. Dimension:

Marking:
SF0070016B
Date Code

Matching Circuit

L1 = , L2 = , C1 = , C2 = TBD after first build
Source / Load Impedance = 50 Ohm

3. Simulation:

