

SPECIFICATION

COMMERCIALLY AVAILABLE

SAW BAND PASS
PART NUMBER: SF00700005

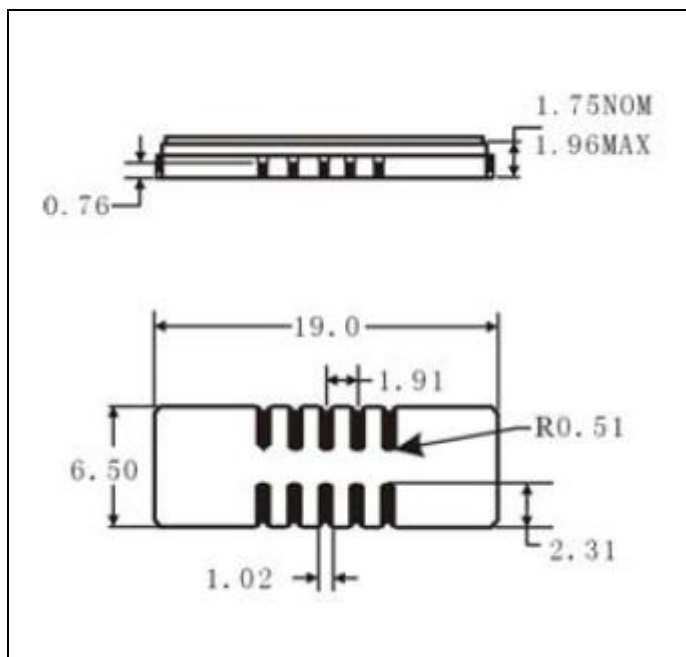
RoHS

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

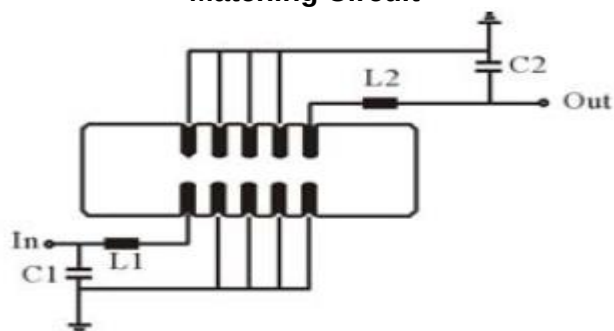
FILTRONETICS Inc

1. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.95	70.00	70.05
Insertion Loss at Fo	dB	-	7.2	9.0
1 dB Bandwidth	MHz	0.30	-	-
3 dB Bandwidth	MHz	0.50	-	-
35 dB Bandwidth	MHz	-	-	1.40
Phase Linearity: 69.85 – 70.15 MHz	deg	-	5.2	6.75
Group Delay Variation: 69.85 – 70.15 MHz	nsec	-	330	500
Absolute Group Delay	µsec	-	2	-
Passband Variation	dB	-	0.7	1.0
Ultimate Rejection	dB	40	42	-
Ambient Temperature	°C	-40	25	80

2. Dimension:

Marking:
SF00700005
Date Code

Matching Circuit

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

3. Simulation:

