

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS
PART NUMBER: SF0140002

RoHS

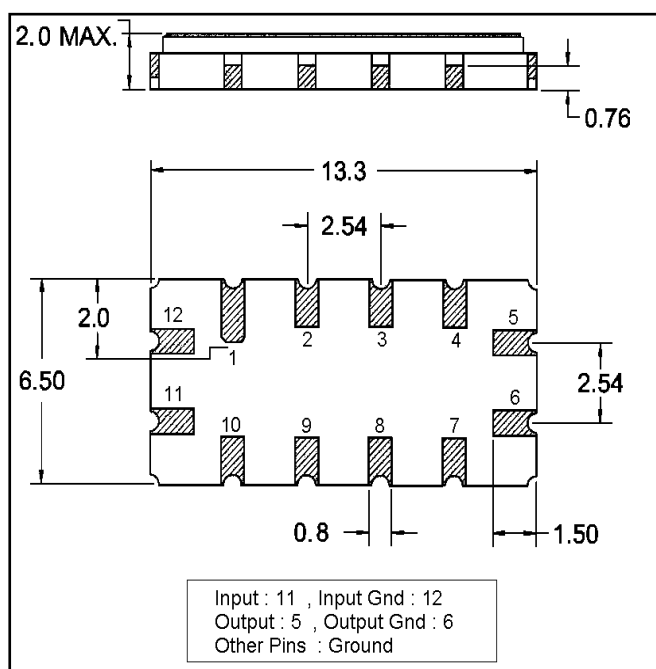
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
7/12/17 ^(kn)			

FILTRONETICS Inc

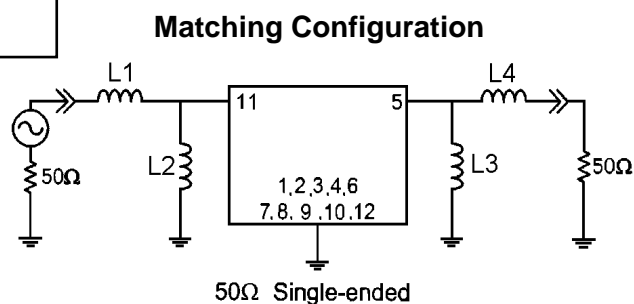
1. Electrical Specifications:

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.85	140.00	140.15
Insertion Loss	dB	-	17.10	19.00
1dB Bandwidth	MHz	-	2.09	-
3dB Bandwidth	MHz	2.30	2.47	-
40dB Bandwidth	MHz	-	4.09	4.40
Passband Ripple	dB	-	0.35	1.00
Group Delay Variation	nsec	-	61	100
Absolute Delay	µsec	-	1.38	-
Ultimate Attenuation	dB	40	47	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		

2. Dimension:



Marking:
SF0140002
Date Code



L1 = 220nH, L2 = 150nH, L3 = 180nH, L4 = 220nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°

3. Simulation:

