

SPECIFICATION

COMMERCIALLY AVAILABLE

SAW BAND PASS
PART NUMBER: SF0120011

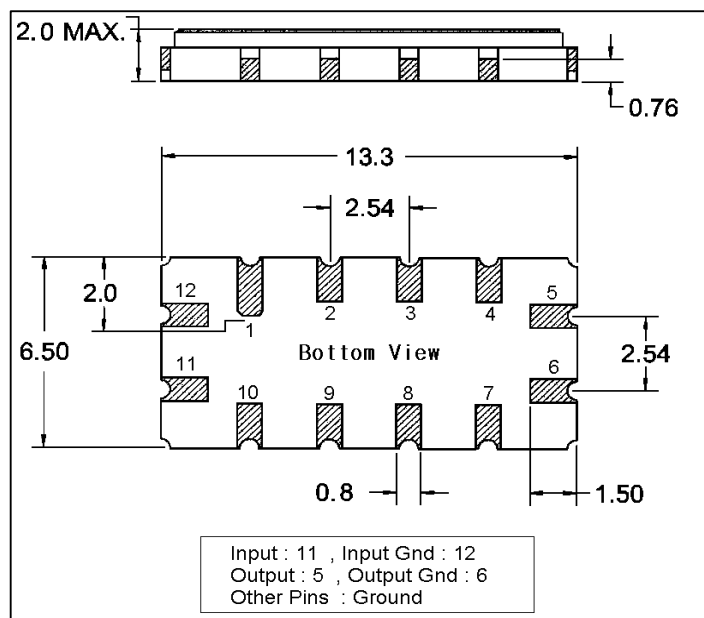
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/18/14 ^(kn)			

FILTRONETICS Inc

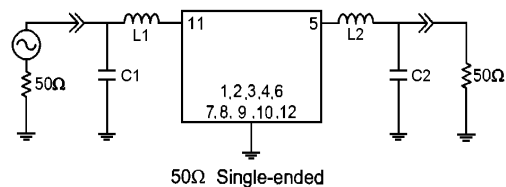
1. Electrical Specifications:

Frequency Characteristics		Minimum	Typical	Maximum
Center Frequency	MHz	-	120.00	-
Insertion Loss	dB	-	25.00	27.00
1dB Bandwidth	MHz	11.30	11.50	-
3dB Bandwidth	MHz	-	12.13	-
40dB Bandwidth	MHz	-	14.55	14.75
Relative Attenuation $F_{0 \pm 7.5\text{MHz}}$	dB	45	50	-
Amplitude Ripple ($f_{c \pm 5.5\text{MHz}}$)	dB	-	0.50	1.00
Group Delay Variation ($f_{c \pm 5.5\text{MHz}}$)	nsec	-	30	70
Phase Linearity ($f_{c \pm 5.5\text{MHz}}$)	Degree	-	5	10
Absolute Delay	μsec	-	2.17	-
Operating Temperature	Degree	-20		+70
Temperature Coefficient of Frequency	-	-	-20 (112-LT)	-
Package	mm	13.3X6.5 (SMD)		

2. Dimension:



Matching Configuration



$L1 = L2 = C1 = C2 = \text{T.B.D.}$
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C