

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS
PART NUMBER: SF2250100
RoHS & NPT

10/16/14 Changed operating temp. Was -20 to 70. Now -40 to +85°C. Added typical BW

10/29/14 Changed operating temp to -34 to 85°C and power level

3/20/15 Revised per Testing outcome: Operating & Storage Temp, Input power

ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
2/16/2009 kn				
12/13/2012 kn	03/29/2013 TFG	03/29/2013 GL	03/29/2013 GL	03/29/2013 TFG
10/16/2014 ^(kn)				
10/29/14 ^(kn)				
3/20/15 TG ^(kn)				

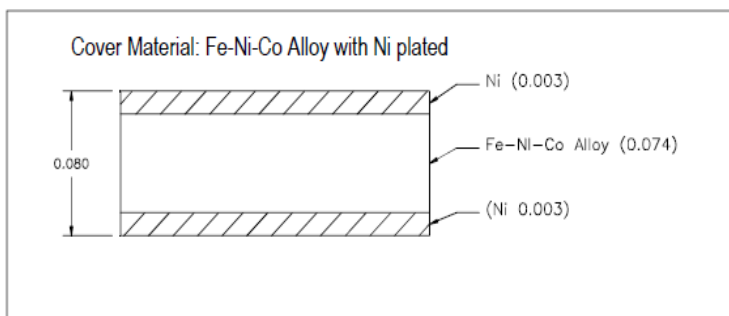
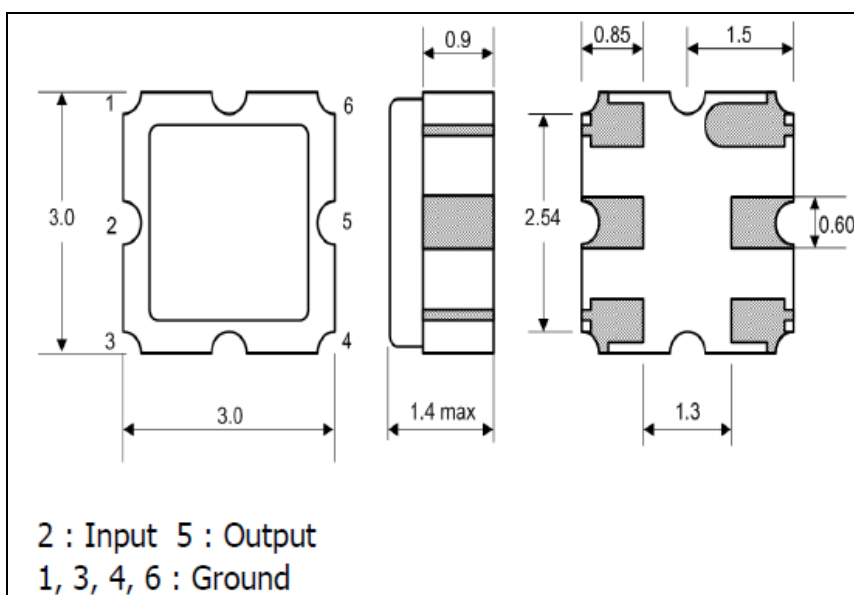
FILTRONETICS Inc

1. Part Number: SF2250100

2. Electrical Specifications:

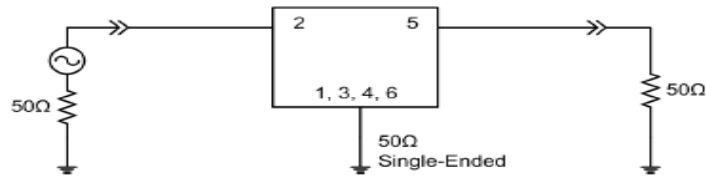
Index	Unit	Min	Typical	Max	
Center Frequency	MHz	-	2250	-	
Bandwidth	MHz		100		
Insertion Loss	dB	-	3.2	4.5	
Amplitude Ripple	dB	-	1.9	3.0	
VSWR			1.9	2.5	
Attenuation (Reference Level from 0dB)	DC ~ 2160MHz	dB	25	28	-
	2340 ~ 4000MHz	dB	25	32	-
Input Power Level	dBm	-	-	+13	
Operating Temperature	°C	-40	-	+85	
Storage Temperature	°C	-55	-	+125	
Package	mm	3.0 x 3.0 x 1.4			

3. Mechanical Package:



- Material Specification:
1. PCB: Ceramic
 2. Terminal Finish:
Electro Ni: 2~9 um
Electro Au: 0.5 um Min
 3. Wafer: Lithium Tantalate
 4. Wire: Aluminum

Matching Configuration



No Matching Required
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

4. Plots:

