

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW BP
PART NUMBER: SF0542004A
RoHS

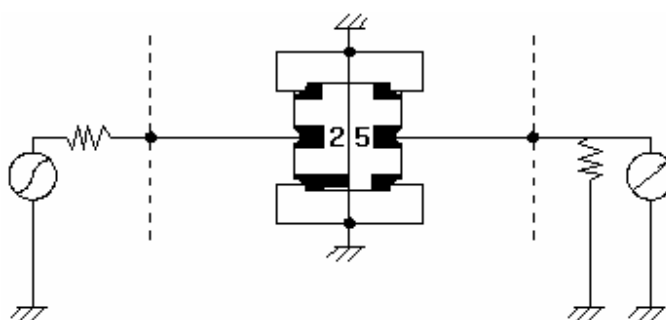
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
3/6/12	06/05/2012 TFG		06/05/2012 GL

FILTRONETICS Inc

1. Electrical Specifications:

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	Fo	541.95		
Pass Band Width	MHz	541.45 ~ 542.45	1.0		
Band Width	MHz	3dBc	-	4.2	-
	MHz	30dBc	-	9.9	-
Insertion Loss	dB	Pass Band	-	3.5	5.0
Ripple Deviation	dB	Pass Band	-	0.3	1.0
Stop Band Rejection (Absolute Attenuation)	dB	Fo -20 MHz	40	50	-
		Fo +20 MHz	20	30	-
		Fo +40 MHz	40	50	-
VSWR	-	Pass Band	-	1.5	2.0
Maximum DC Voltage	V	5			
Maximum Input Power	dBm	10			
Terminating Impedance	Ω	50			
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +60			
Storage Temperature	$^{\circ}\text{C}$	-40 ~ +85			
Package Type	mm	Type "A" = SMD 3 X3			

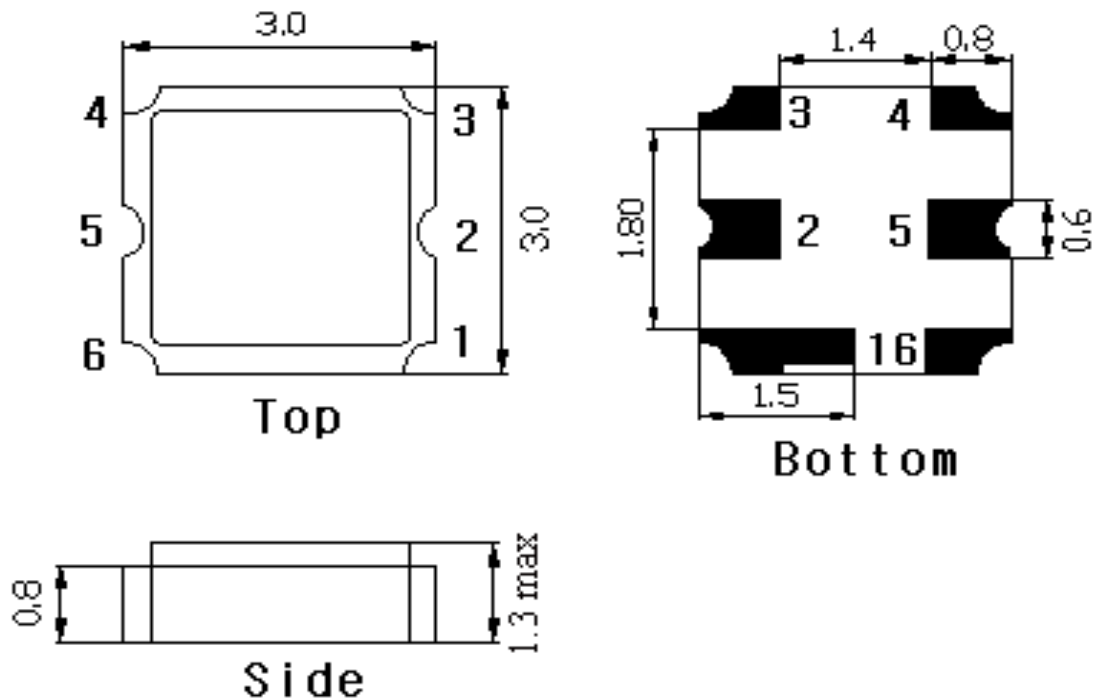
Matching Configuration



No Matching Required
Source / Load Impedance = 50 Ω
Ambient Temperature = 25 $^{\circ}\text{C}$

2. Dimension:

Marking:
With GREEN dot: ●



3. Typical Performance:

