

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS FILTER
 PART NUMBER: SF0243000
 RoHS

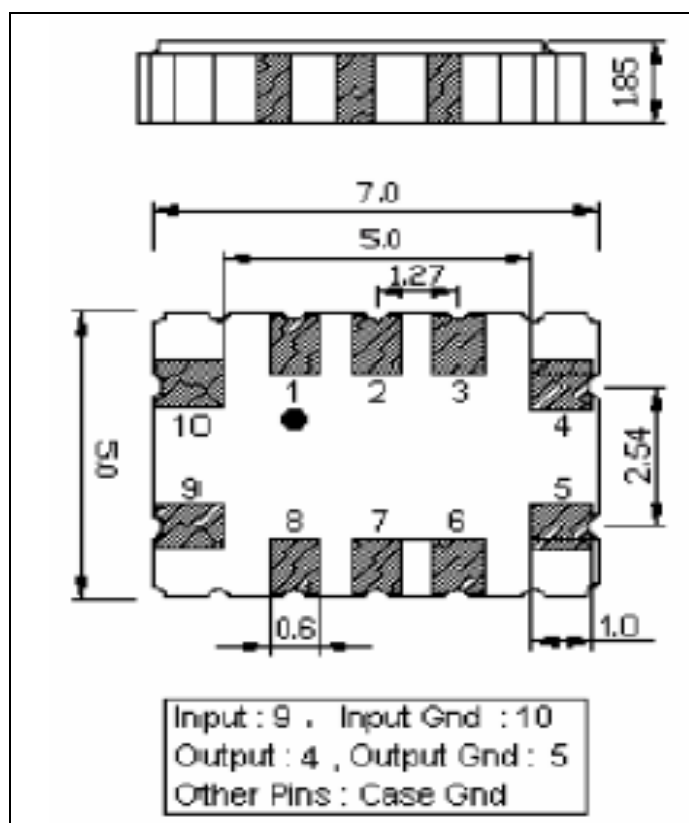
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
3/18/11 DS			
3/23/11 DS			
3/25/11 DS	3/28/2011 SRJ	3/28/2011 BF	3/29/2011 GL

FILTRONETICS Inc

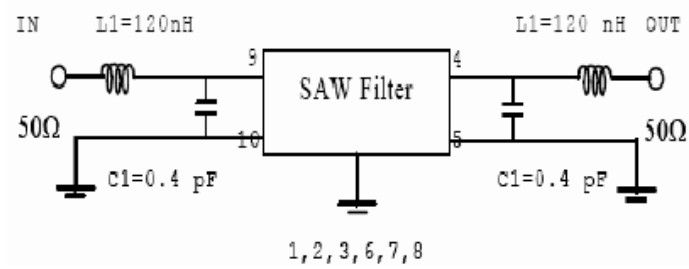
1. Electrical Specifications:

INDEX		UNIT	MIN	TYPICAL	MAX
Center Frequency		MHz	-	243.0	-
Insertion Loss		dB	-	3.7	6.0
3 dB Bandwidth		MHz	-	.019	-
Passband Ripple		dB	-	0.2	1.0
Group Delay Variation		nsec	-	0.5	2.0
Attenuation: (Reference from Min. IL)	Fc - 115 to Fc - 1MHz	dB	50	63	-
	Fc - 1 to Fc - 0.6MHz	dB	42	64	-
	Fc - 0.6 to Fc - 0.4MHz	dB	29	68	-
	Fc + 0.4 to Fc + 0.6MHz	dB	29	64	-
	Fc + 0.6 to Fc + 1MHz	dB	42	63	-
	Fc + 1 to Fc + 115MHz	dB	50	55	-
Input Power Level		dBm	-	10	18
Operating Temperature		°C	-40	25	85
Package		mm ²	7 x 5		

2. Dimension



Marking
SF0243000
Filtronetics
Date Code



L1 = 120 nH, C1 = 0.4 pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

3. Typical Performance:

