

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BP FILTER
PART NUMBER: SF0070000D

Revised 3/19/03: Corrected Matching Configuration & Added Graphs

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/14/11 kn	12/21/2011 TFG		12/21/2011 GL
3/19/13 DS	03/29/2013 TFG	03/29/2013 TFG	03/29/2013 GL

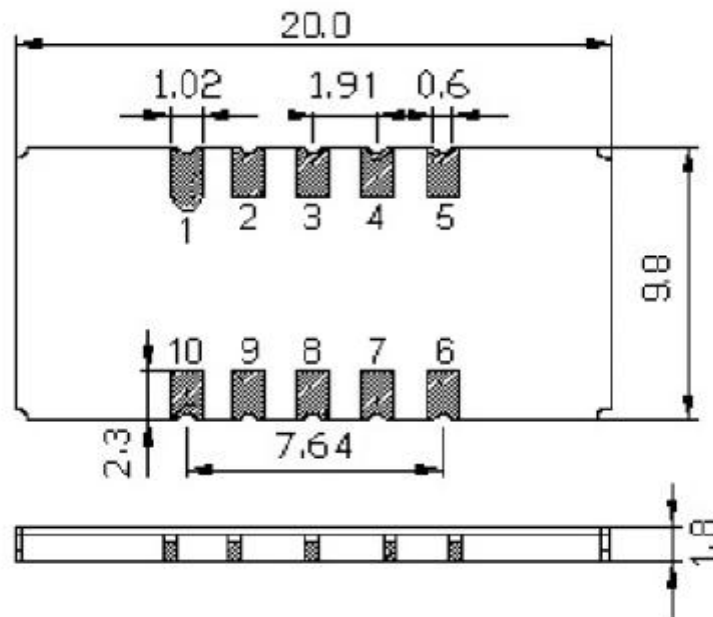
FILTRONETICS Inc

1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	-	70.00	-
Insertion Loss	dB	-	7.0	9.0
1dB Bandwidth	MHz	0.18	0.22	-
3dB Bandwidth	MHz	0.30	0.36	-
30dB Bandwidth	MHz	-	0.88	1.00
Passband Ripple (Fo±0.05MHz)	dB	-	0.55	1.00
Group Delay Variation (Fo±0.05MHz)	Nsec	-	200	300
Absolute Delay	µsec	-	2.45	-
Ultimate Attenuation (Fo±1.0~5.0MHz)	dB	40	45	-
Package	mm ²	20.0 x 9.8		
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		

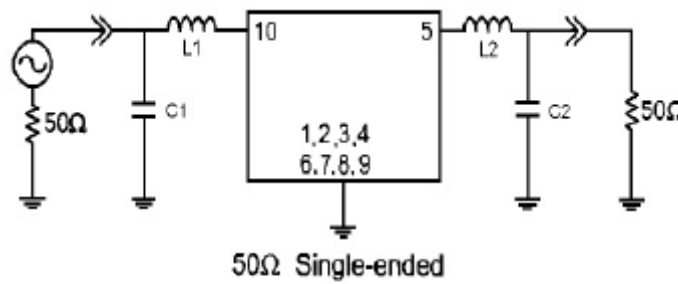
Marking:
SF0070000D
Date Code

2. Dimension:



1: Input Ground 10: Input
5: Output 6: Output Ground
2, 3, 4, 7, 8, 9: Case Ground

MATCHING CONFIGURATION



L1 = 330 nH, L2 = 390 nH, C1 = 68 pF, C2 = 68 pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

3. Typical Performance:

