

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0153000
RoHS

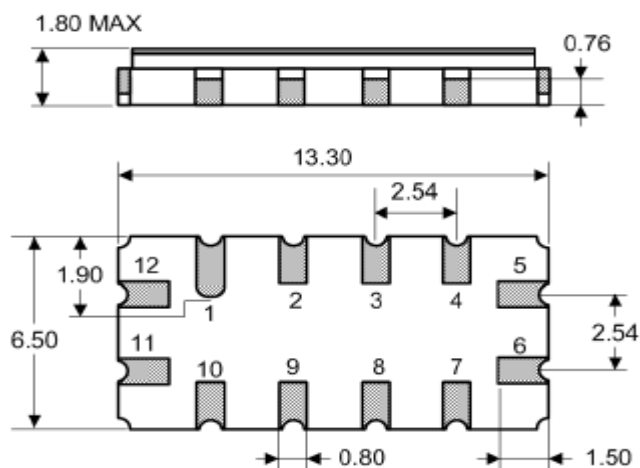
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
8/29/11 kn	03/12/2013 TFG	03/12/2013 TFG	03/12/2013 GL

FILTRONETICS Inc

1. Electrical Specifications:

Index	Unit	Min	Typical	Max
Center Frequency	MHz	153.20	153.30	153.40
Insertion Loss	dB	-	5.0	6.0
1 dB Bandwidth	MHz	0.04	0.056	-
3 dB Bandwidth	MHz	0.06	0.083	-
40 dB Bandwidth	MHz	-	-	-
Passband Ripple	dB	-	0.65	1.00
Group Delay Variation	nsec	-	-	-
Absolute Delay	μsec	-	8.50	-
Ultimate Rejection	dB	50	60	-
Substrate Material	-	Quartz		
Temperature Coefficient	ppm/°C	-0.03		
Package	mm	13.3 × 6.5 × 2.0		

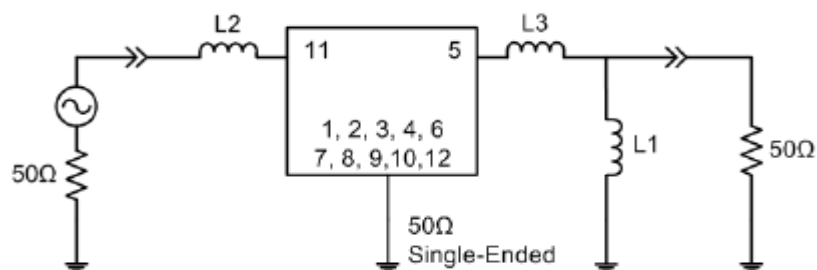
2. Dimension:



Input:11 Input Gnd:12 Output:5 Output Gnd:6
Other Pins: Ground

Marking:
SF0153000
Dated Code

Matching Configuration



L1=39nH, L2=L3=220nH
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

3. Typical Performance:

