

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW BP
PART NUMBER: SF140025A
RoHS

Revised per ECO 4413: Added square corner orientation note.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
5/3/2010 **	5/7/2010 SRJ	5/10/2010 BF	5/10/2010 GL	
7/6/12 kn	07/09/2012 TFG		07/09/2012 GL	
10/18/2012 GL	10/18/2012 TFG		10/18/2012 GL	

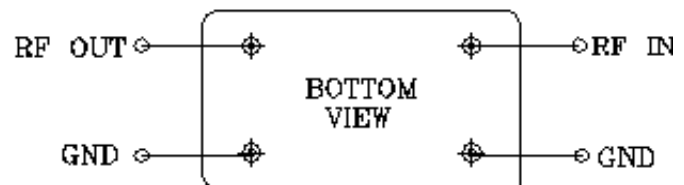
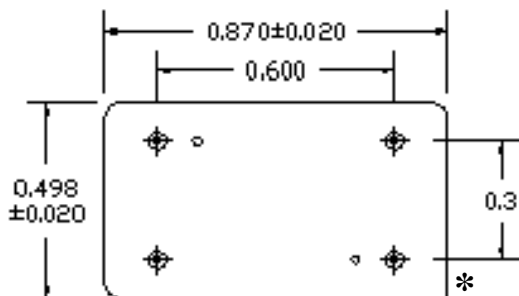
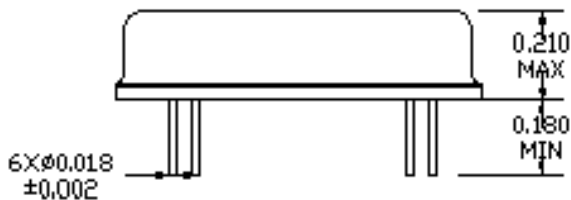
FILTRONETICS Inc

1. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss at F_0	dB		32	33.2
1 dB Bandwidth	MHz	2.1	2.19	
3 dB Bandwidth	MHz	2.5	2.6	
40dB Bandwidth	MHz		4.25	4.35
Passband Variation	dB		0.5	0.7
Group Delay Variation	nsec		55	65
Absolute Delay	usec		1.50	
Ultimate Rejection	dB	50	55	
Substrate Material	-		Quartz	
Ambient Temperature	°C		25	

2. Mechanical Package:

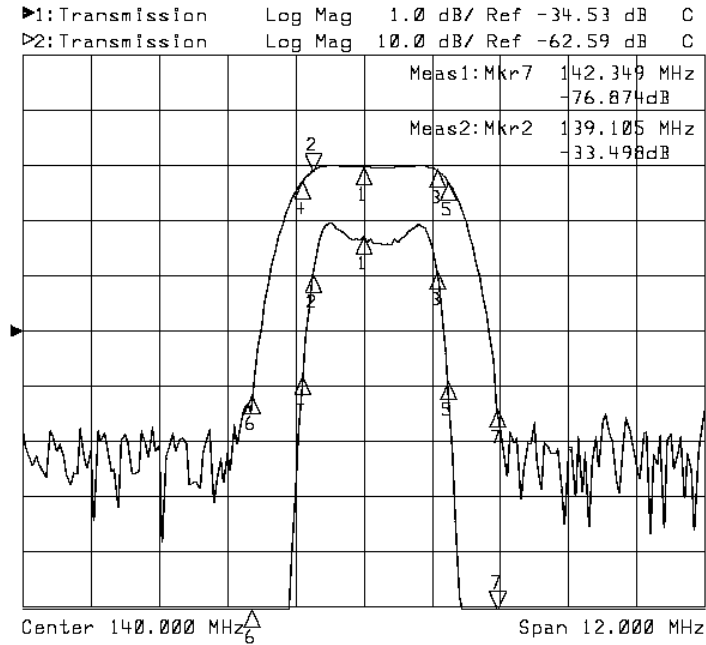
Marking:
SF140025A
Date Code



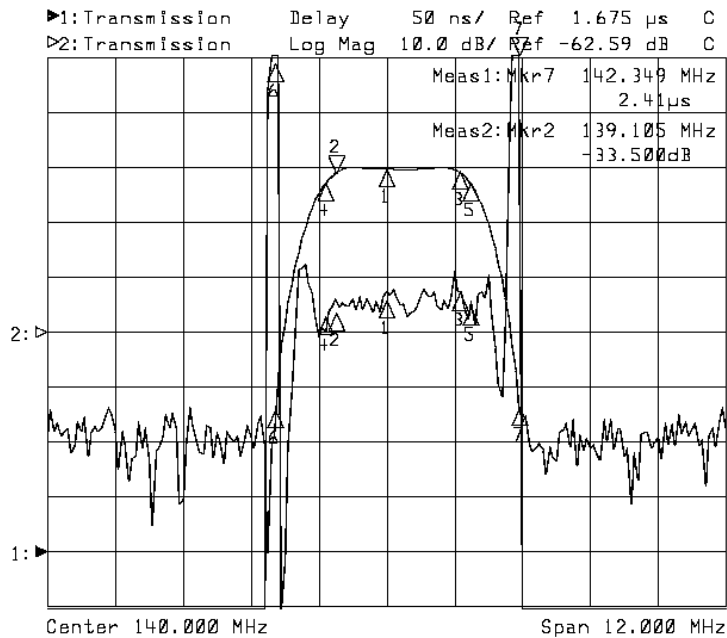
No Matching Required
Source/Load Impedance=50ohm
Package Style XI

* Note:
Square corner denotes orientation.

3. Typical Response:



Horizontal: 1.2MHz/Div; Vertical: 1db & 10dB/Div



Horizontal: 1.2MHz/Div; Vertical: 50nsec/Div