

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF070085A
Release Date: June 23, 2007

Prepared By:

Revised By:

Revised Date:

Revised per ECO 4413: Added square corner orientation note.

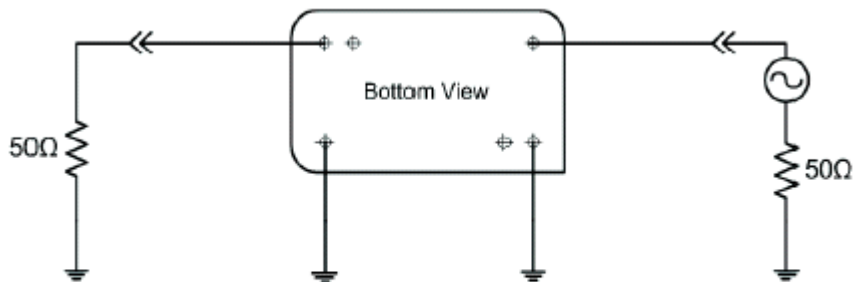
ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
10/19/2012 GL				10/19/2012 TFG

FILTRONETICS Inc

1. Electrical Specifications:

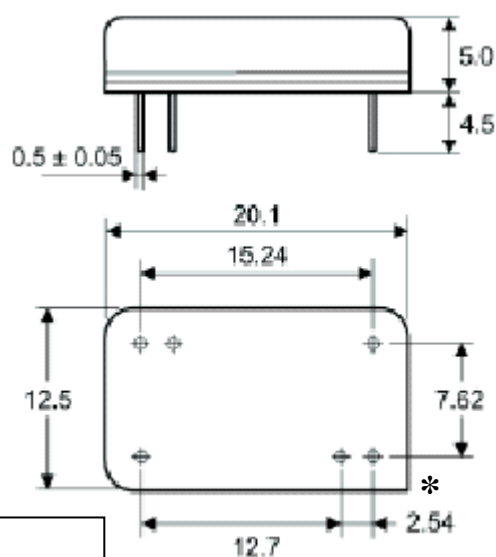
Index	Unit	Min	Typical	Max
Center Frequency	MHz	69.92	70	70.08
Insertion Loss	dB	-	24	25.5
1 dB Bandwidth	MHz	-	-	-
3 dB Bandwidth	MHz	8.5	8.65	-
40 dB Bandwidth	MHz	-	10.55	10.7
Passband Ripple	dB	-	0.55	0.8
Group Delay Variation	nsec	-	80	150
Absolute Delay	μsec	-	2.05	-
Ultimate Attenuation	dB	50	55	-
Substrate Material		YZ-LiNbO3		
Temperature Coefficient	ppm/°C	-94		
Package	mm	-		

Matching Configuration



No Matching Required
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

2. Mechanical Package



* Note:

Square corner denotes orientation.

3. Typical Performance

