

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
 PART NUMBER SF0160041A
 Release Date: 12/10/09

Prepared By:DS

Revised By:

Revised Date:

Revision Made: Revised per ECO 4413: Added square corner orientation note.

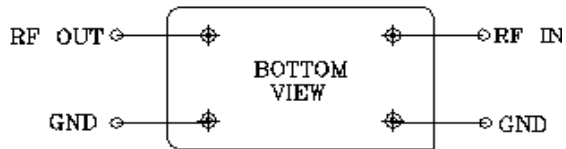
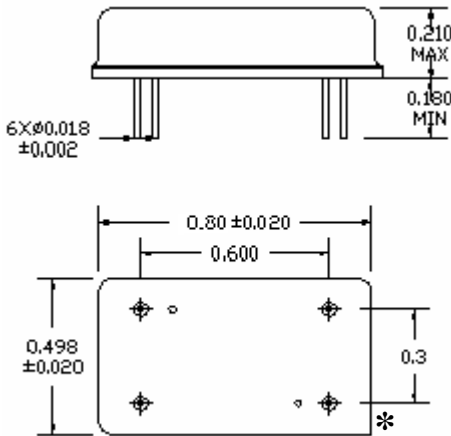
ISSUED	CHECKED	CHECKED	CHECKED	APPROVED
10/15/2012 GL				10/15/2012 TFG

FILTRONETICS Inc

1. Electrical Specifications:

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	159.70	160.00	160.30
Insertion Loss at F ₀	dB		25.00	26.00
1 dB Bandwidth	MHz	39.00	39.80	
3 dB Bandwidth	MHz	41.30	41.80	
40dB Bandwidth	MHz		48.80	49.20
Passband Variation	dB		1.00	1.20
Group Delay Variation	nsec		20	40
Absolute Delay	usec		0.75	0.78
Ultimate Rejection	dB	48	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

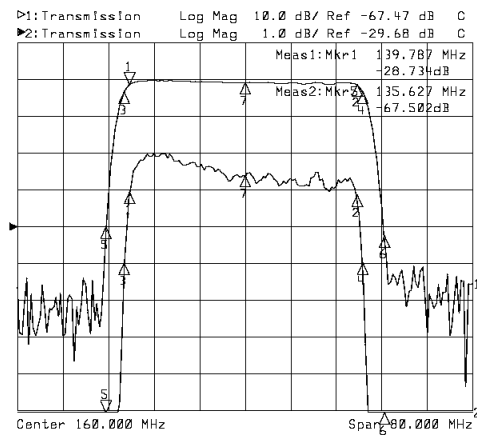
2. Mechanical Package:



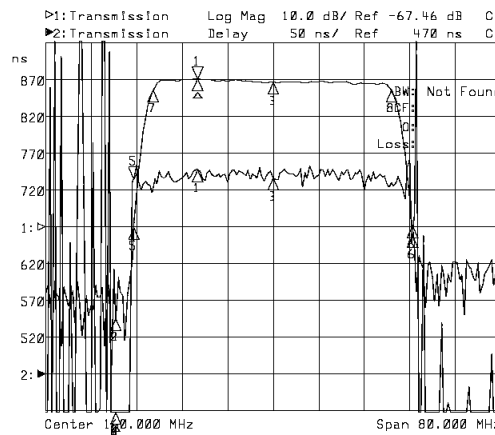
No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI

* Note:
 Square corner denotes orientation.

3. GRAPHS:



Horizontal: 8MHz/Div
 Vertical: 1db& 10db/Div



Horizontal: 8MHz/Div
 Vertical: 50nsec/Div