

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0060011A

Revised per ECO 4413: Added square corner orientation note.

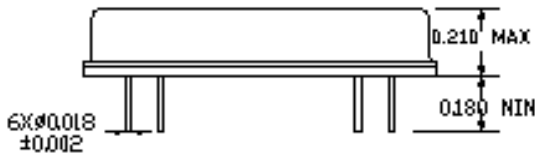
| ISSUED / REVISION | ENGINEER APPROVED | DOCUMENT CHECKED | DRAFTSMAN |
|--------------------------|--------------------------|-------------------------|----------------------|
| 9/14/11 kn | 11/28/11 TFG | 11/28/11 GL | 11/28/11 GL |
| 01/25/2013 GL | 01/25/2013 TFG | 01/25/2013 TFG | 01/25/2013 GL |

FILTRONETICS Inc

1. Electrical Specifications:

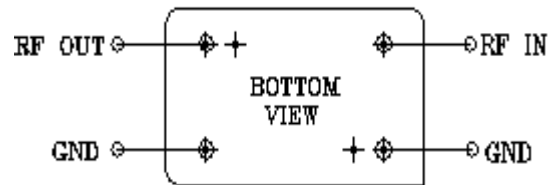
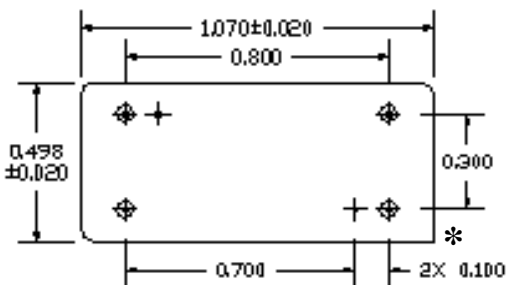
| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|-----------|---------|
| Center Frequency | MHz | 59.9 | 60.0 | 60.1 |
| Insertion Loss at F ₀ | dB | | 23 | 23.5 |
| 1 dB Bandwidth | MHz | 9.9 | 10.0 | |
| 3 dB Bandwidth | MHz | 10.8 | 11.0 | |
| 50dB Bandwidth | MHz | | 15.8 | 16 |
| Passband Variation | dB | | 0.4 | 0.5 |
| Group Delay Variation | nsec | | 20 | 30 |
| Absolute Delay | usec | | 1.7 | |
| Ultimate Rejection | dB | 52 | 55 | |
| Substrate Material | - | | 128LiNbO3 | |
| Ambient Temperature | °C | | 25 | |

2. Dimension:



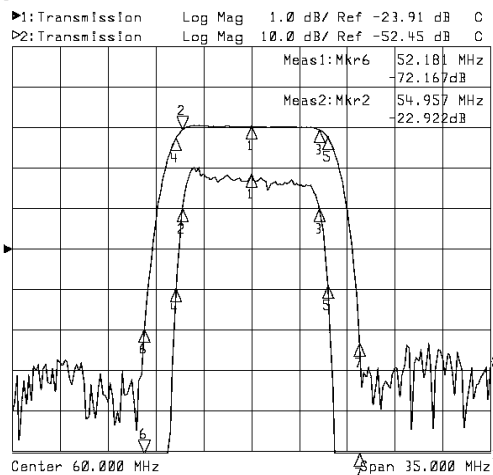
Marking:
SF0060011A
Date Code

* Note:
Square corner denotes orientation.

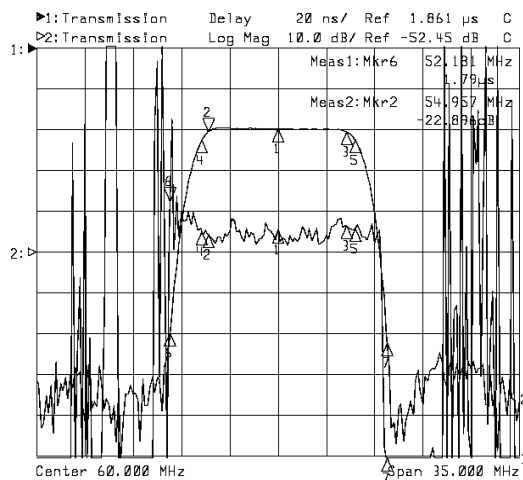


No Matching Required
Source/Load Impedance=50ohm
Package Style X0

3. Typical Performance:



Horizontal: 3.5MHz/Div
Vertical: 1db & 10db/Div



Horizontal: 3.5MHz/Div
Vertical: 20nsec/Div