

# SPECIFICATION

TANDEM LC BAND PASS SET (2 FILTERS)  
PART NUMBER: FN-4479

6/16/15 added operating temp & plots.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
6/2/15 TG <sup>(kn)</sup>			
9/16/15 RR <sup>(kn)</sup>			

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**FILTRONETICS, Inc**

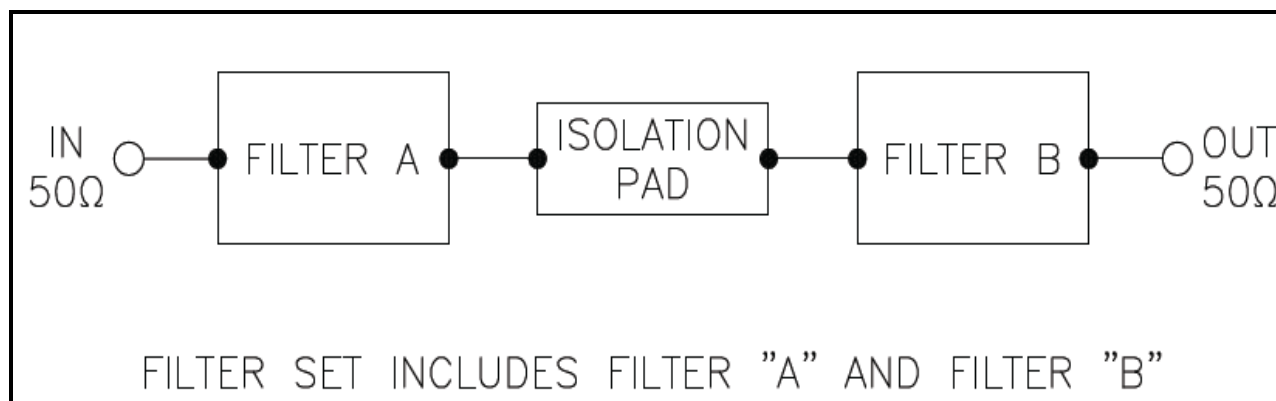
[www.filtro.net](http://www.filtro.net)

## 1. Part Number: FN-4479

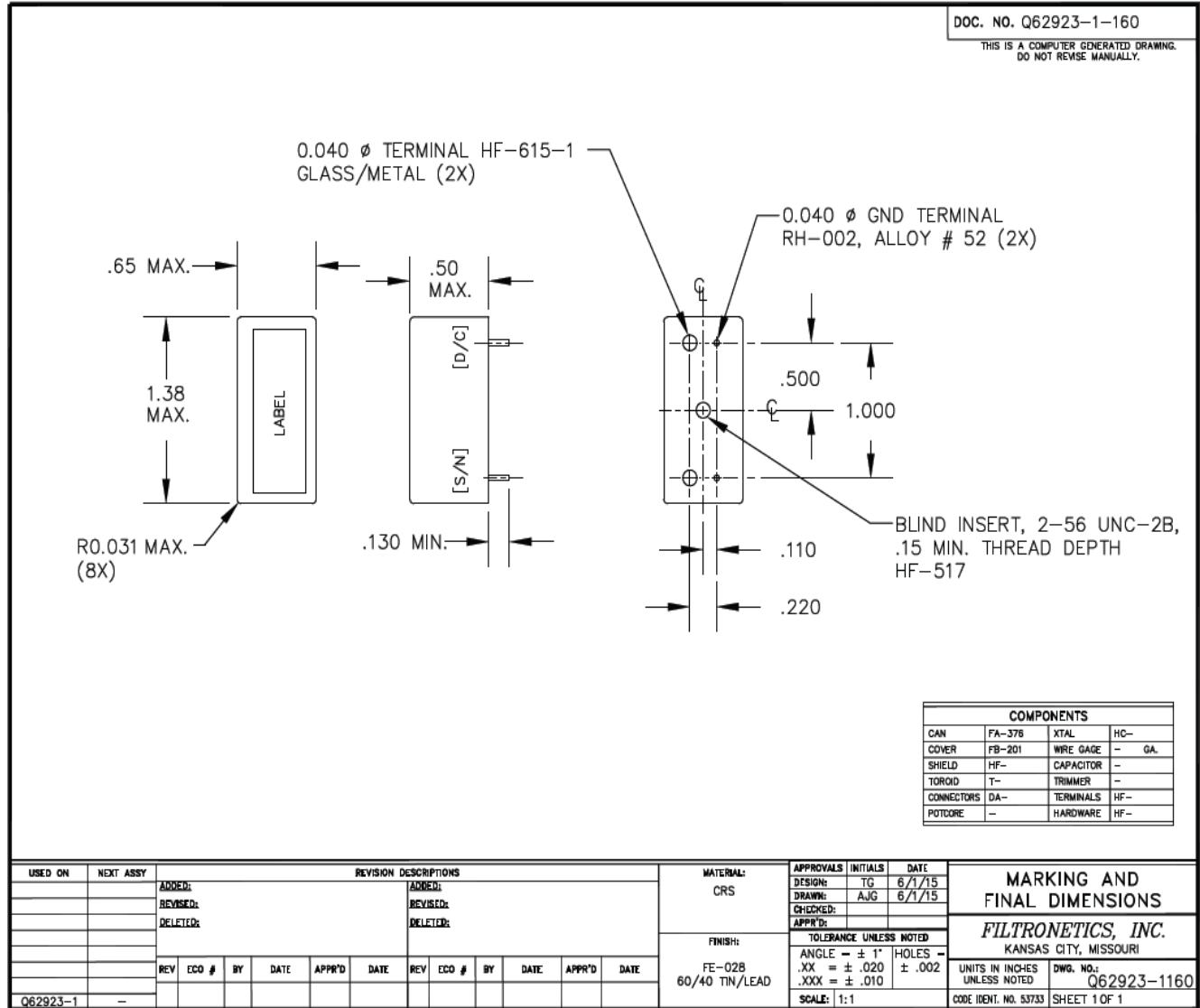
## 2. Electrical Specifications:

Filter Type	Tandem LC Band Pass Set(2 Filters)	
Center Frequency (Fo)	5 MHz	
5 dB Band Width (PB):	± 1 MHz Typical	
Insertion Loss:	3.5 dB Max	
Pass Band Ripple:	0 dB Typical	
Attenuation: (Absolute Value)	At 3.5 MHz and 6.5 MHz	10 dB Min
	At 3 MHz and 7 MHz	20 dB Min
	At 2.5 MHz and 7.5 MHz	30 dB Min
	At 2 MHz and 8 MHz	45 dB Min
	1.5 MHz and 8.5 MHz	60 dB Min
	At 1 MHz	75 dB Min
Group Delay Variation (PB)	30 nSec Max	
Phase Linearity (PB)	± 10° Max	
Input Power:	0dBm Max	
Impedance:	50 Ohms	
Operating Temperature:	-40°C to +85°C	
Ruggedized:	Units are encapsulated with one part foam.	
Workmanship:	J-STD-001	
RoHS Compliant	NO	
Customer Installation temperature	<b>Hand Installation Recommended.</b> <b>Case temperature not to exceed 170°C Max</b>	

**Special Note:** Filter set designed to have 20dB of Isolation between the filters.



3. Mechanical Package Style:



4. Plots:

