

# SPECIFICATION

ITEM: LC NOTCH FILTER  
 PART NUMBER: FN-4730W

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
9/20/2023 <sup>(PG)</sup>			

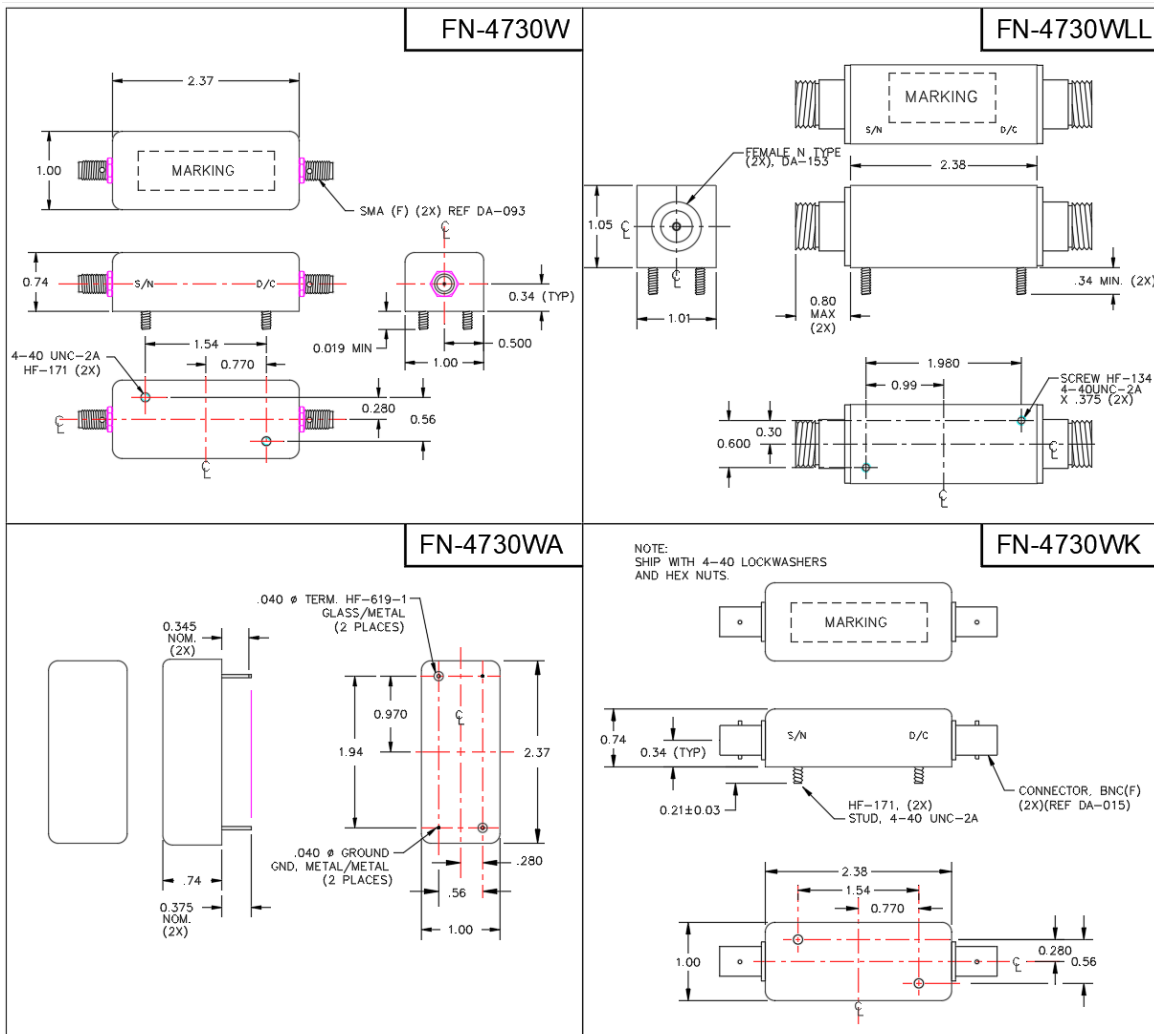
**FILTRONETICS Inc**

1. Part Number: FN-4730W

2. Electrical Specifications:

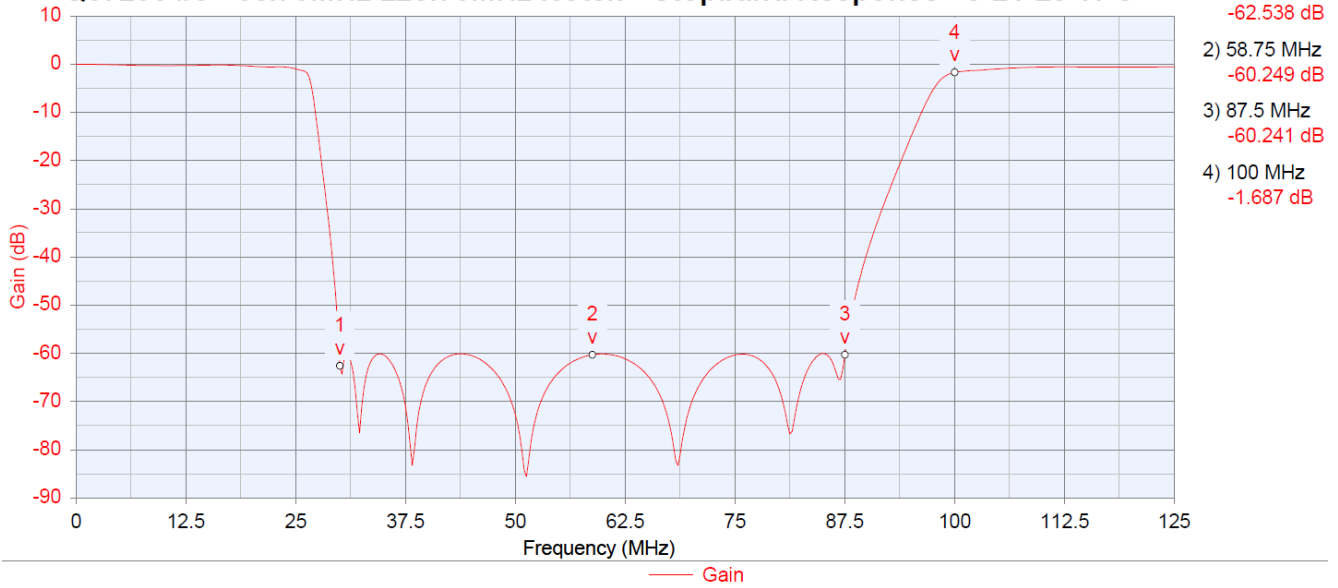
Filter Type	LC Band Stop
Center Frequency (Fo)	58.75 MHz
50 dB Notch Band Width:	30 to 87.5 MHz Min
Pass Band Insertion Loss:	1 dB Max
Pass Band Ripple:	1 dB Max
Attenuation @ 100 MHz	3 dB Max
Pass Band:	100 MHz to 1 GHz
Input Power:	1 Watt Max
Impedance:	50 Ohms
Operating Temperature:	0 to 50°C

3. Example Mechanical Package Styles:



4. Theoretical Response Plots:

**Q67256 #3 - 58.75MHz  $\pm$ 28.75MHz Notch - Stopband Response - 8-21-23 TFG**



**Q67256 #3 - 58.75MHz  $\pm$ 28.75MHz Notch - Passband Response - 8-21-23 TFG**

