

**SPECIFICATION**  
**CAVITY FILTER SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**PART NUMBER: FNP-1138**

**Revision Made:**

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN CHECKED
7/2/10 DS	7/6/2010 SRJ	7/7/2010 BF	7/7/2010 GIL

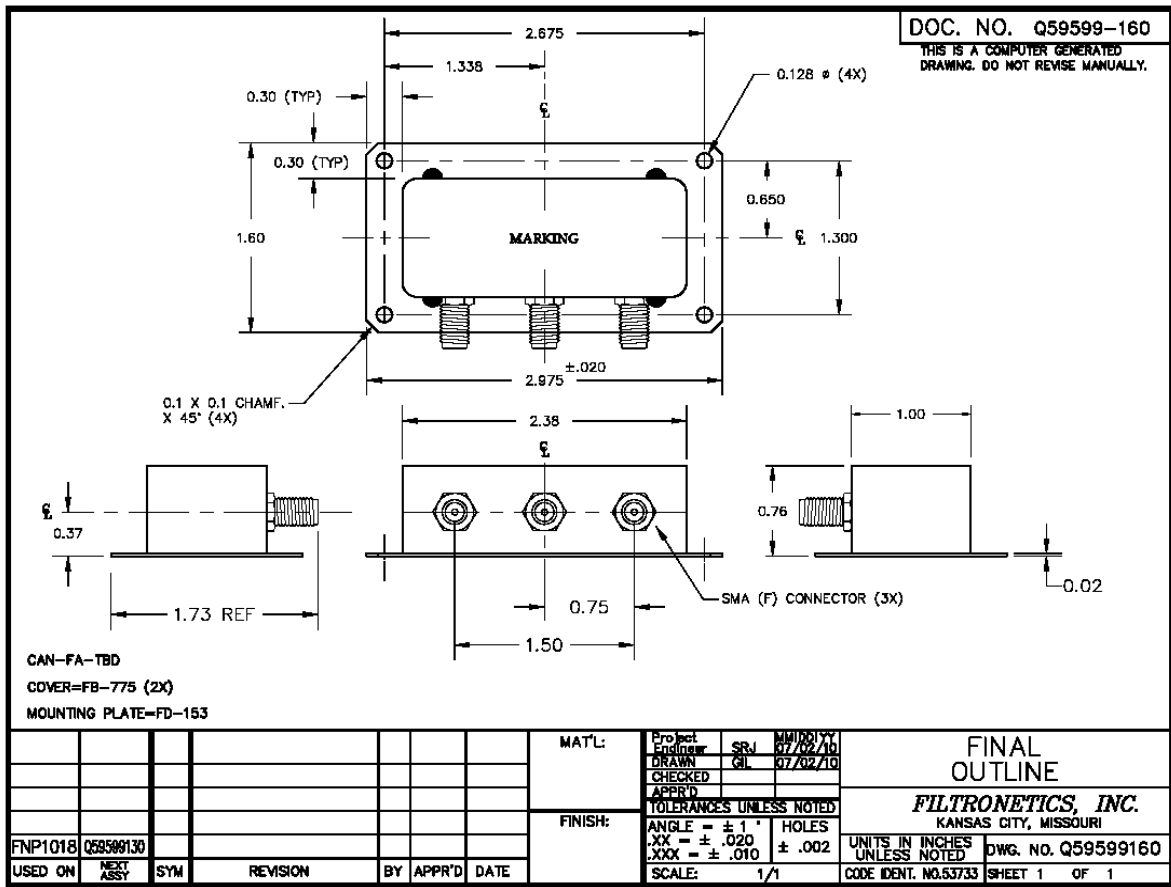
**FILTRONETICS Inc**

1. Electrical Specifications:

NO	ITEMS	Ref.	SPECIFICATION	
			Rx	Tx
1	Center Frequency (Fo)	-	725 MHz	881.5 MHz
2	Pass Band Width (= PB)	-	Fo+/-2 MHz	Fo+/-12.5 MHz
3	Insertion Loss At Fo	-	1.2 dB Max @25°C	
			1.7 dB Max @-40 ~ +75°C	
4	Ripple IN PB	-	0.7 dB Max	
5	ATTENUATION [Absolute Value]	AT 869 MHz	20dB Min	-
		AT 727 MHz	-	20dB Min
6	Return Loss IN PB	-	12 dB Min	
7	Impedance	-	50Ω	
8	Maximum Input Power	-	1 W (+30 dBm)	
9	Operating Temperature Range	-	-40 ~ +75°C	

3. Dimension (mm)

Marking:  
Filtronetics  
FNP-1138  
Date Code



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