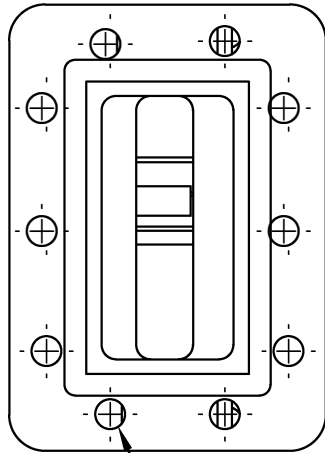


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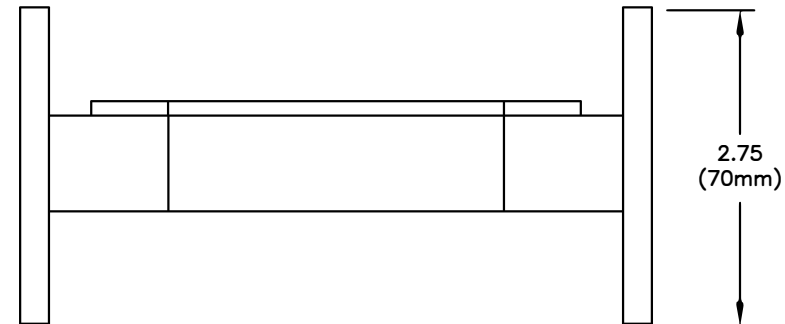
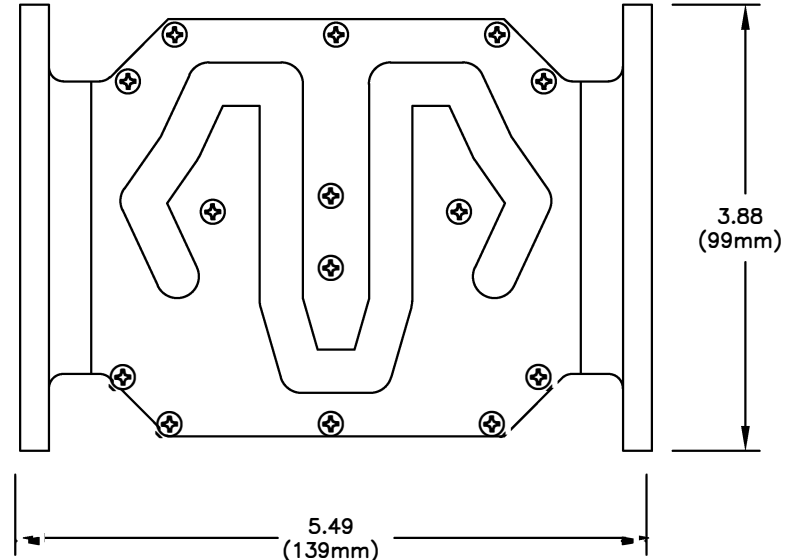
| REVISION |     |      |        |
|----------|-----|------|--------|
| LTR      | ECN | DATE | APPR'D |



.257 DIA THRU  
(10) BOTH FLANGES

#### SPECIFICATIONS

PASSBAND: 3900-4200 MHz  
 INSERTION LOSS: 0.4 dB typ @ center  
 0.7 dB typ @ band edges  
 RETURN LOSS: 20 dB MIN (1.22:1 MAX)  
 GROUP DELAY VARIATION: 1.0 nSEC MAX  
 WITHIN  $\pm 0.5$  MHz  
 REJECTION: 90 dB APPROX BELOW 3700 MHz  
 63 dB APPROX @ 3800 MHz  
 45 dB approx @ 3845 MHz  
 35 dB (38 dB typ) at >4255 MHz  
 90 dB MIN FROM 4400 TO 6500 MHz  
 OPERATING TEMPERATURE: -40°C TO +60°C  
 FLANGES: CPR-229G (INPUT) CPR-229F (OUTPUT)  
 ENVIRONMENT: IP67 OUTDOOR USE  
 WEIGHT: 1.4 LBS (635 GRAMS)



UNLESS SPECIFIED  
ALL TOLERANCES  $\pm 0.030$

#### ENVELOPE DRAWING

|                                                                                   |  |                                 |          |
|-----------------------------------------------------------------------------------|--|---------------------------------|----------|
| <b>MFC</b> MICROWAVE FILTER CO. INC.<br>6743 KIRBY ST.<br>F. SYRACUSE, N.Y. 13207 |  | FSCM27834                       |          |
| DATE 10/24                                                                        |  | TITLE                           |          |
| DWN BY PMB                                                                        |  | C-BAND FILTER                   |          |
| ENGINEER<br>J.S.                                                                  |  | DRAWING NO.<br>21000B-3900/4200 | REV<br>- |

Tr1 S11 Log Mag 5.000 dB/ 0.000 dB [F2]  
Tr2 S21 Log Mag 10.00 dB/ 0.000 dB [F2]  
Tr3 S22 Log Mag 5.000 dB/ 0.000 dB [F2]

Microwave Filter Company, Inc. 21000B-3900/4200

