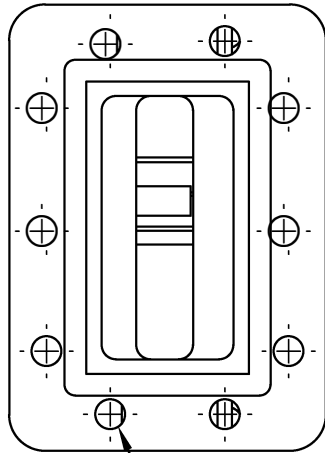


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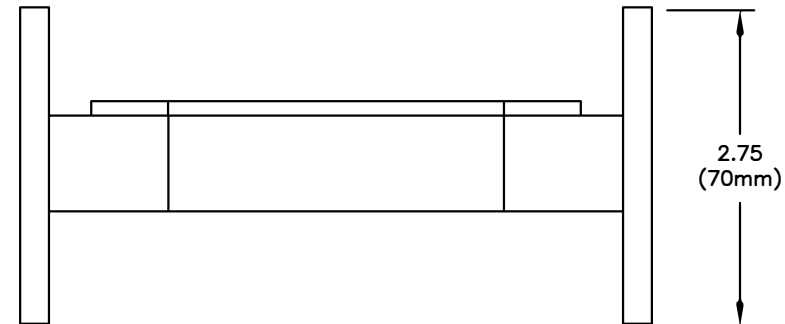
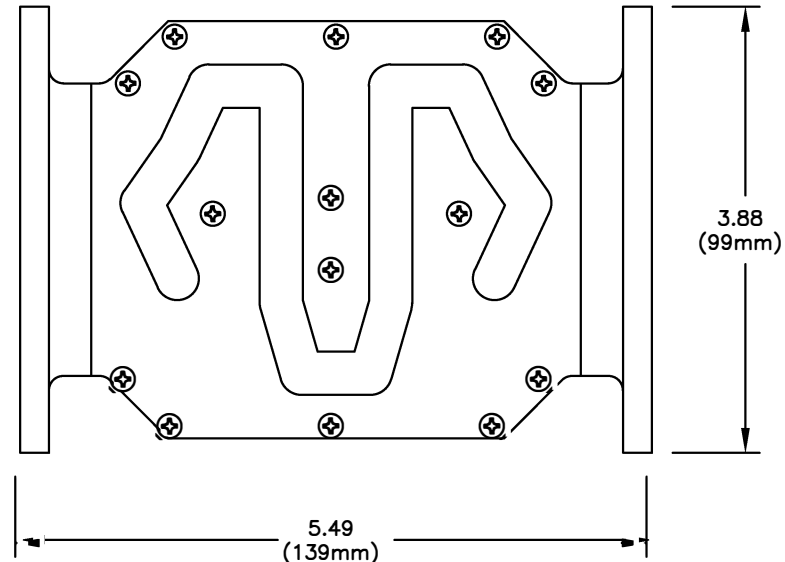
REVISION			
LTR	ECN	DATE	APPR'D



.257 DIA THRU
(10) BOTH FLANGES

SPECIFICATIONS

PASSBAND: 3900-4200 MHz
 INSERTION LOSS: 0.45 dB typ @ center
 1.0 dB max@ band edges
 RETURN LOSS: 20 dB MIN (1.22:1 MAX)
 GROUP DELAY VARIATION: 1.0 nSEC MAX
 WITHIN ± 0.5 MHz
 REJECTION: 90 dB APPROX BELOW 3700 MHz
 70 dB APPROX@ 3800 MHz
 60 dB MIN @ 3845 MHz
 30 dB min @ > 4230 MHz
 60 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 $\pm .030$

ENVELOPE DRAWING

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

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]

