



International (Extended) C-Band Interference Elimination Filter Model 13961WE-I

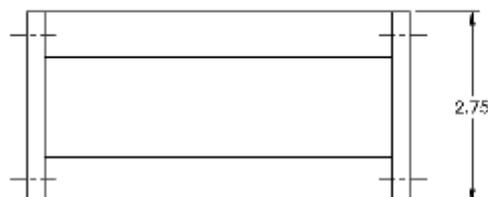
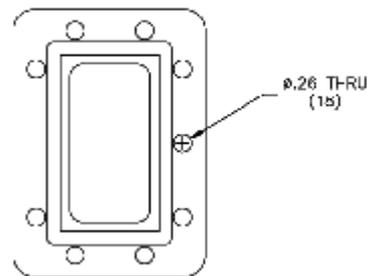
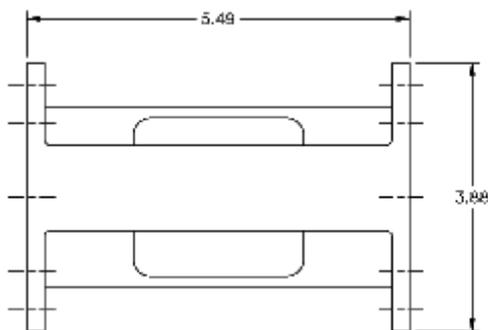
Providing the same deep rejection of undesired out-of-band signals as the model 13961W-I, this filter utilizes a special plating process for enhanced C-band reception.

- Ideal for Weak or Fringe Signal Receive Sites
- Alternate Passbands Available (e.g.: 3.625 - 4.2 GHz)
- Hardware & Gasketing included
- Ready to install between LNB & feedhorn



Specifications:

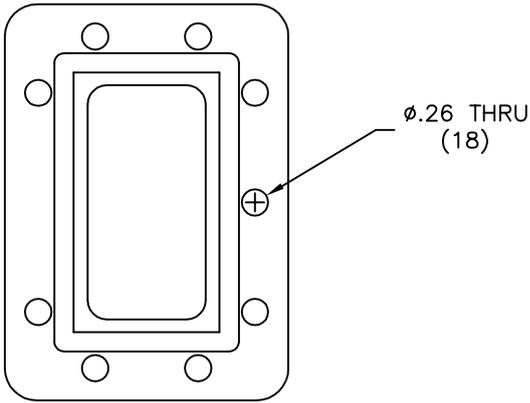
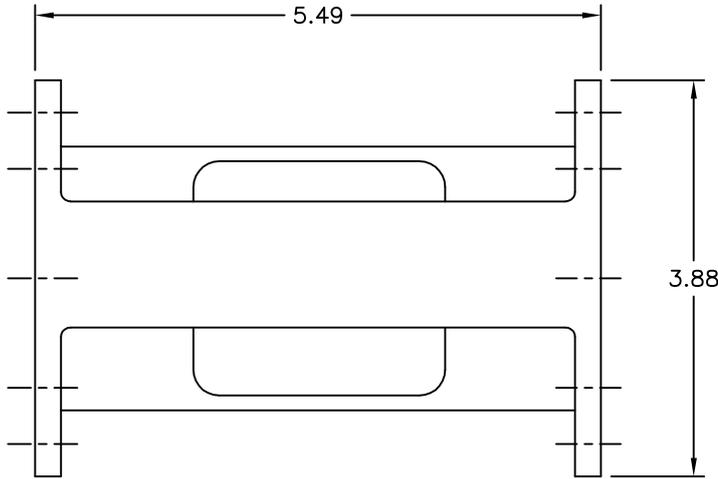
Passband:	3.6 - 4.2 GHz
Passband Loss:	0.4 dB Typ @ center band; 0.3 dB Typ roll-off @ band edges
Passband VSWR:	1.5:1 Typ
Group Delay Variation:	8 nS Max
Rejection:	45 dB Typ @ 3.55 GHz / 4.25 GHz 55 dB Typ @ 3.45 GHz / 4.35 GHz 70 dB Typ @ 3.40 GHz / 4.40 GHz
Flanges:	CPR229G (Input), CPR229F (Output)
Length:	5.49" (13.9 cm)
Weight:	1.3 lbs. (0.6 Kg)



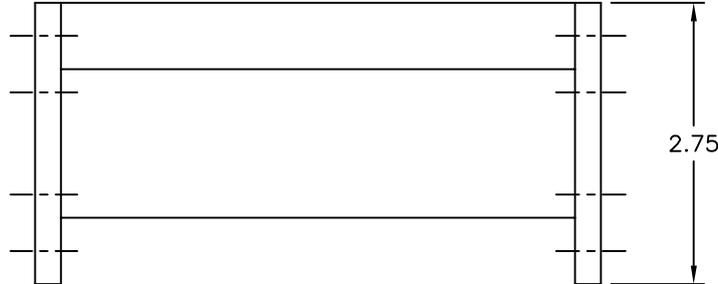


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ENVELOPE DRAWING

 MICROWAVE FILTER CO. INC. 6743 KINNE ST. E. SYRACUSE, N.Y. 13207		FSCM27834
DATE	5/9/13	TITLE
DWN BY	MW	BANDPASS FILTER
ENGINEER	P.M.	DRAWING NO.
		13961W-3625/4200
		REV
		-

UNLESS SPECIFIED
ALL TOLERANCES ±.060

SPECIFICATIONS

PASSBAND: 3.625 TO 4.2 GHz
 INSERTION LOSS: 0.5 dB APPROX. @ F_o
 0.5 dB APPROX. ROLL OFF @ BAND EDGES
 VSWR: 1.5:1 TYP
 GROUP DELAY VARIATION: 8 nS MAX

REJECTION	FREQUENCY
45 dB MIN	3.575, 4.275 GHz
55 dB TYP	3.475, 4.375 GHz
70 dB TYP	3.425, 4.425 GHz

FLANGES: CPR229G (INPUT)
 CPR229F (OUTPUT)
 HALF GASKET SUPPLIED WITH EACH UNIT
 WEIGHT: 1.125 lbs APPROX.