



International (Extended) C-Band Interference Elimination Filter

Model 13961WE-I

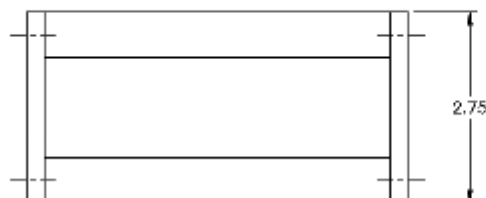
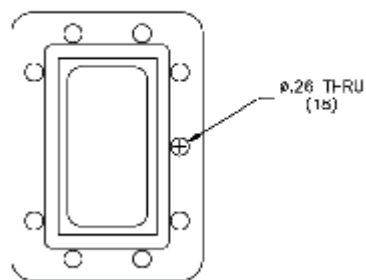
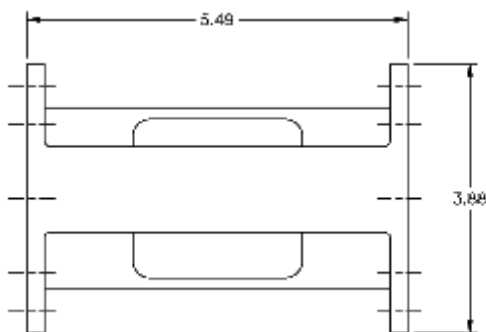
Providing the same deep rejection of undesired out-of-band signals as the model 13961W-I, this filter utilizes a special plating process for enhanced C-band reception.

- 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)

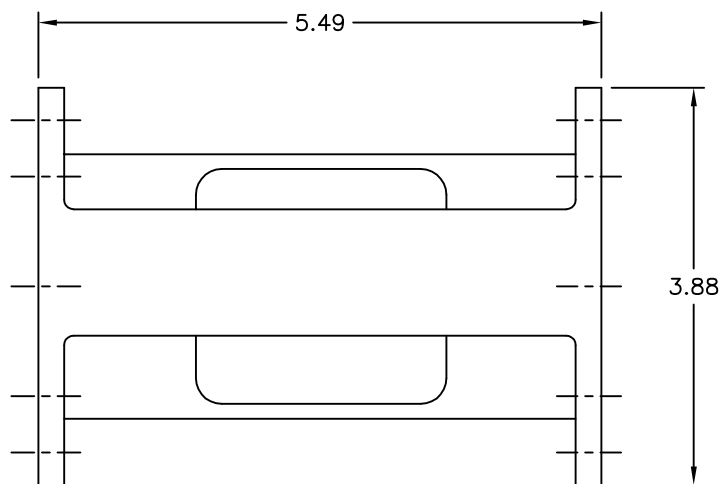




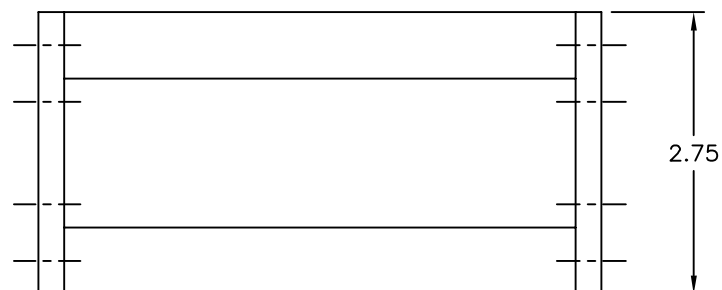
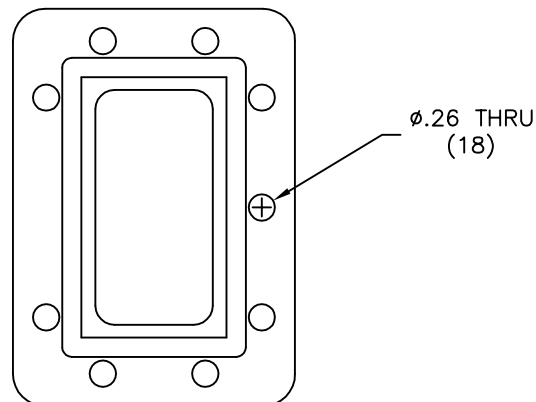
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REVISION

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ENVELOPE DRAWING

MICROWAVE FILTER CO. INC. 6743 KINNE ST. E. SYRACUSE, N.Y. 13057		FSCM27834
DATE 5/9/13	TITLE	
DWN BY MW	BANDPASS FILTER	
ENGINEER P.M.	DRAWING NO. 13961W-3625/4200	REV -

UNLESS SPECIFIED
ALL TOLERANCES $\pm .060$

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.