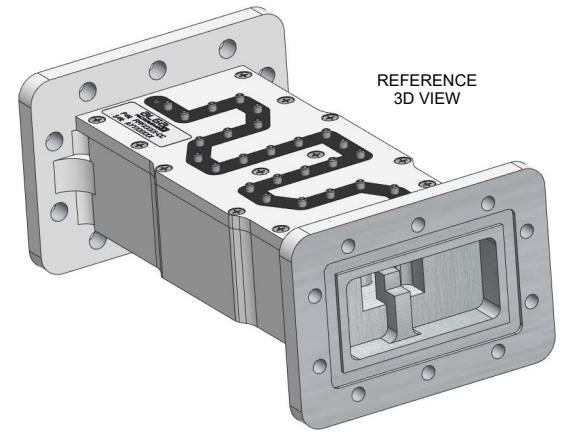


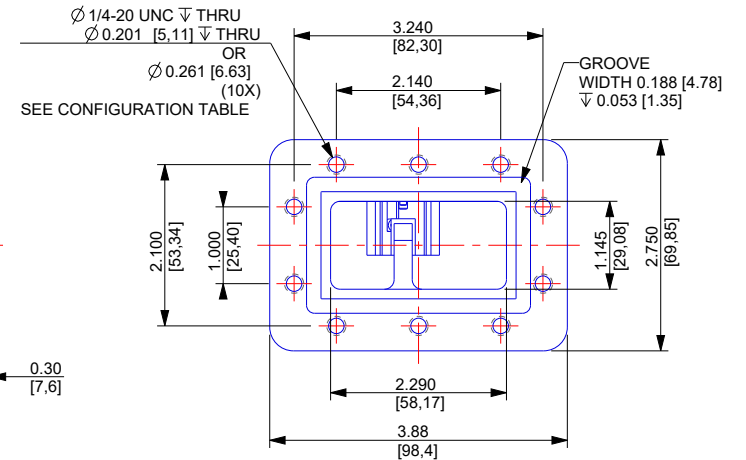
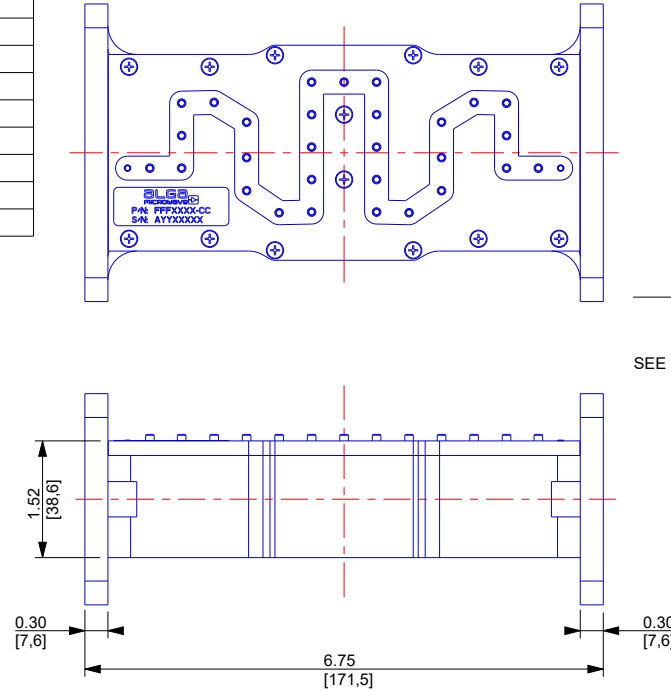
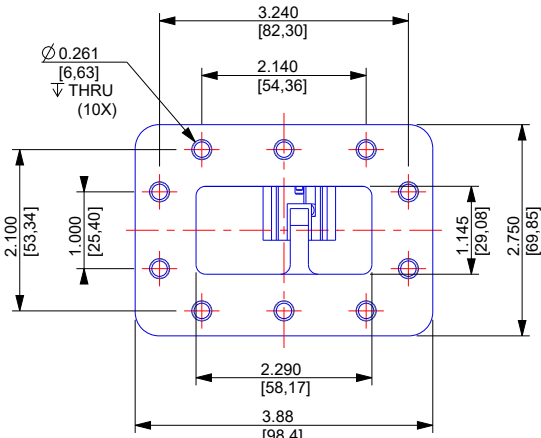
ELECTRICAL PROPERTIES	
GROUP G FILTER	PASSBAND 3900 - 4200 MHz
	GROUP DELAY VARIATION 1.45 nSec MAX Within $\pm 0.5$ MHz
	INSERTION LOSS 1.3 dB MAX
	REJECTION 50 dB MIN AT 3880 MHz 25 dB MIN AT 4230 MHz
	RETURN LOSS 19 dB MIN
GROUP H FILTER	PASSBAND 3780 - 4200 MHz
	GROUP DELAY VARIATION 1.45 nSec MAX Within $\pm 0.5$ MHz
	INSERTION LOSS 1.3 dB MAX
	REJECTION 60 dB MIN AT 3760 MHz 25 dB MIN AT 4230 MHz
	RETURN LOSS 19 dB MIN
GROUP I FILTER	PASSBAND 3820 - 4200 MHz
	GROUP DELAY VARIATION 1.45 nSec MAX Within $\pm 0.5$ MHz
	INSERTION LOSS 1.3 dB MAX
	REJECTION 70 dB MIN BELOW 3700 MHz 60 dB MIN AT 3800 MHz 50 dB MIN AT 3803 MHz (temp drift) 25 db MIN ABOVE 4230 MHz
	RETURN LOSS 20 dB MIN

MECHANICAL PROPERTIES	
INTERFACES	FLANGE: UDR40 CPR-229 FLAT FLANGE: PDR40 CPR-229 GROOVED
MATERIAL	ALUMINUM 6061
FINISH	FLANGES: CHEMICAL CONVERSION WAVEGUIDE: SILVER PLATE EXTERIOR: MATTE WHITE PAINT
WEIGHT	2.2 Lbs [998g]
ENVIRONMENTAL PROPERTIES	
OPERATING TEMP	0°C TO +50°C

REVISIONS			
REV	E.C.N.	DATE	APPROVED
A	INITIAL RELEASE	Oct 29, 2018	M.B.
B	ECN-18-0083	Nov 27, 2018	M.B.
C	ECN-19-0062	Aug 14, 2019	M.B.
D	ECN-20-0008	Feb 26, 2020	P.B.

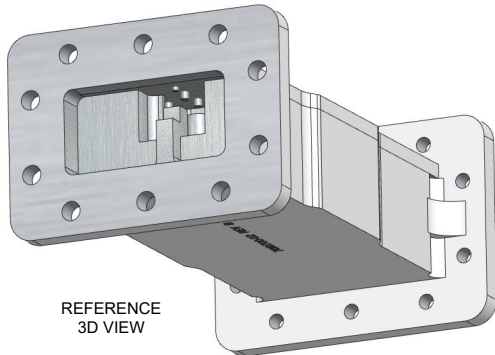


REFERENCE  
3D VIEW

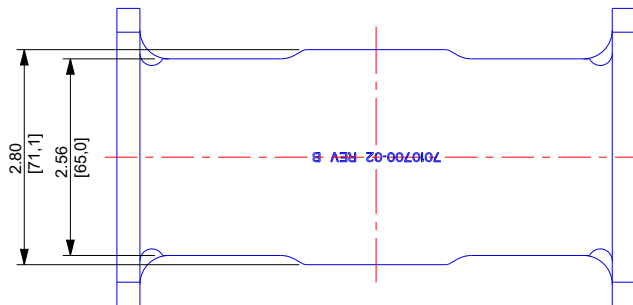


CONFIGURATION TABLE	
2100318-02-X1	TAP HOLE $\varnothing$ 1/4-20 UNC (10X) & THRU HOLE $\varnothing$ 0.261 [6.63] (10X)
2100318-02-X2	THRU HOLE $\varnothing$ 0.261 [6.63] (20X) BOTH SIDES

LEGEND: 2100318-02-XX  
GROUP OPTION FLANGE HOLES OPTION



REFERENCE  
3D VIEW



INCH [MILLIMETER]

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES AS PER DECIMALS  
X  $\pm$  0.01 XXXX  $\pm$  0.001  
XX  $\pm$  0.005 XXXXX  $\pm$  0.0005  
XXX  $\pm$  0.002 DEGREES  $\pm$  30°  
DO NOT SCALE DRAWING

DRAWN: MBourgoin	DATE: Oct 29, 2018
CHECKED: P.B.	DATE:
ENGINEERED: M.B. / P.B.	DATE:
APPROVED: P.B.	DATE:

FORMAT SIZE:

A



TITLE:

Filter 4GHz WR229  
Group G H I

PART NUMBER:

SEE CONFIGURATION TABLE

DRAWING NUMBER:

OD-2100318-02-XX

CAGE CODE:

SCALE:

0.400

SHEET:

1 OF 1