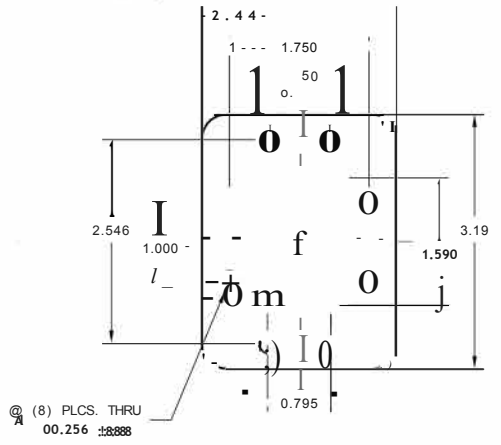
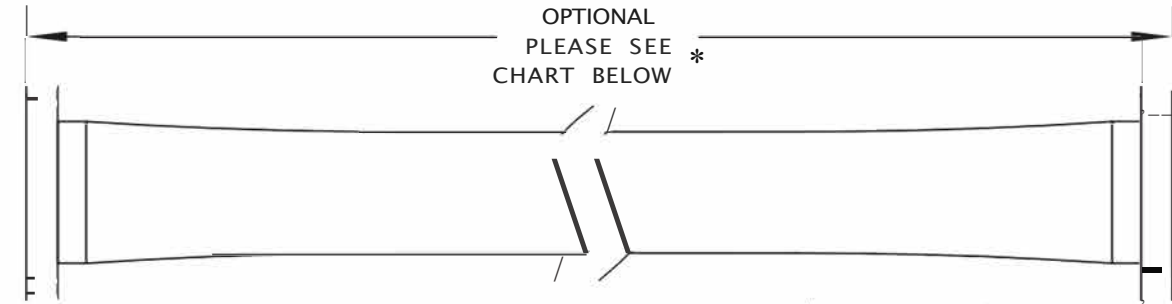
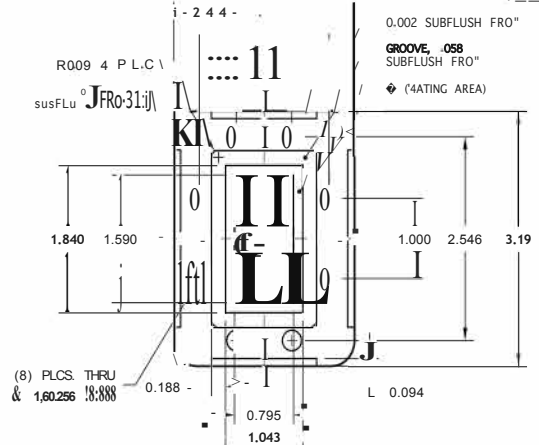


OPTIONAL
PLEASE SEE *
CHART BELOW



CPRF FLANGE (R)



CPRG FLANGE (G)

MECHANICAL SPECS:
 BENDING RATING (Rad (in)):
 STATIC-E-PLANE: 5 H-PLANE: 10
 REPEATED-E-PLANE: 20 H-PLANE: 20
 TWISTING RATING (±deg/ft):
 STATIC: TOLERANC E-56
 TWIST: 14
 MAX OPERATING PRESSURE: 45 PSIG
 *AVAILABLE LENGTHS: 12", 18", 24", 36", 48", 60", 72"
 AVAILABLE JACKETS: NEOPRENE (N)
 FLANGE THICKNESS: 0.250"

ELECTRICAL SPECS:
 OPERATING FREQUENCY: 4.9 - 7.05 GHZ
 MAXIMUM L ATTENUATION db/ft: 0.4
 MAXIMUM VSWR: <36" COVER FLANGE - 1.05
 PLAIN/CHOKE FLANGES: 11
 POWER RATING CW (kW): 2.5
 PEAK (kW) 1100

ORDERING INFORMATION				
MODEL#	WBG SIZE	LENGTH (ft or MMS)	FLANGE 1	FLANGE 2
AST1640	4	OPTIONAL	OPTIONAL	OPTIONAL

SAMPLE: AST1640-4-18-R-R
 18" WR159 FLEX W/ CPRF X 2 FLANGES

BREAK ALL CORNERS AND SHARP EDGES

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.

PROPRIETARY INFORMATION
 THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED, TRANSMITTED OR OTHERWISE DISCLOSED TO OTHERS WITHOUT THE WRITTEN PERMISSION FROM AST

UNLESS OTHERWISE SPECIFIED	DRAWN	CHECKER	MECH ENGR	ELEC ENGR	PROJ ENGR	CHIEF ENGR
FRACTIONAL ± 1/32 TO						
DECIMAL : : INQ. TALE						
ANGULAR 1/2°						
MATERIAL: NOTED SPEC:						
FINISH: NOTED SPEC:						

WR159
 FLEXIBLE WAVEGUIDE
 DRAWING # AST1640-4
 SCALE NTS

JILL MIC WRVE
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 Kingston, ON
 K7P 2T7, Canada
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 SHEET 1 OF 1