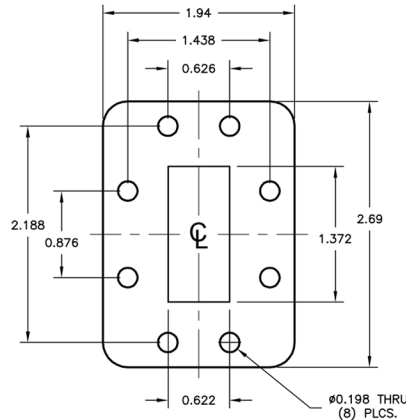
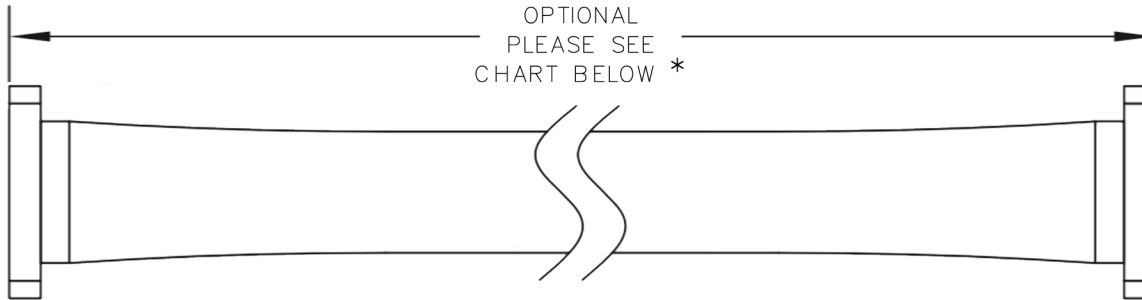
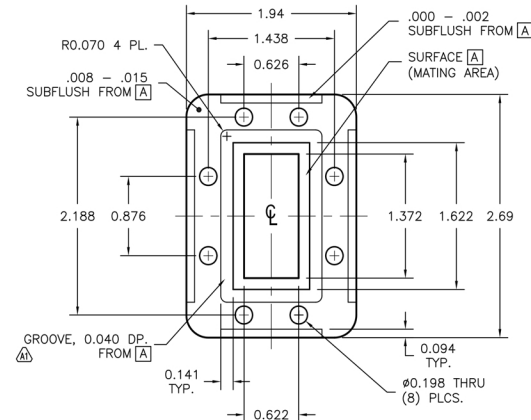


OPTIONAL
PLEASE SEE
CHART BELOW *



CPRF FLANGE (R)



CPRG FLANGE (G)

MECHANICAL SPECS:

BENDING RATING (Rad (in)):
 STATIC-E-PLANE: 2.25 H-PLANE: 3.15
 REPEATED-E-PLANE: 9 H-PLANE: 12.6
 TWISTING RATING (\pm deg/ft):
 STATIC: TOLERANCE-64
 TWIST: 16
 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: 5.85 - 8.2 GHz
 MAXIMUM IL ATTENUATION db/ft: 0.5
 MAXIMUM VSWR: <36" COVER FLANGE - 1.05
 PLAIN/CHOKE FLANGES: 1.1
 POWER RATING CW (kW): 2.0

ORDERING INFORMATION				
MODEL #	W/G SIZE	LENGTH (in or MMS)	FLANGE 1	FLANGE 2
AST1640	5	OPTIONAL	OPTIONAL	OPTIONAL

SAMPLE: AST1640-5-18-R-R
 18" WR137 FLEX W/ CPRF X 2 FLANGES

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGR	PROD	Q.A.

PROPRIETARY INFORMATION
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BREAK ALL CORNERS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED	DRAWN		
FRACTIONAL $\pm 1/32$	CHECKER		
DECIMAL .XXX $\pm .010$	MECH. ENGR.		
.XX $\pm .020$	ELEC. ENGR.		
ANGULAR $\pm 1/2^\circ$	PROJ. ENGR.		
MATERIAL: NOTED	CHIEF ENGR.		
SPEC:			
FINISH: NOTED			
SPEC:			

WR137
 FLEXIBLE WAVEGUIDE
 DRAWING # AST1640-5
 SCALE NTS

AST MICROWAVE
 754 Fortune Crescent
 Kingston, ON
 K7P 2T3, Canada
 613-384-3939

SHEET 1 OF 1