



**SPECS**  
**WAVEGUIDE SIZE: WR187**  
**FREQUENCY: 3.95 – 5.85 GHZ**  
**VSWR: 1.05:1**  
**INSERTION LOSS: 0.15 DB**  
**MATERIAL: 6061 ALUMINUM**  
**FINISH: BLUE ANODIZE**

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGR	PROD	Q.A.

Type	Order Code (SAMPLE)
WR187 E-Bend	AST1182-3E-R-R (2X CPRF)
WR187 H-Bend	AST1182-3H-G-G (2X CPRG)

FLANGE CODES: UGF=F, UGG=O, CPRF=R, CPRG=G  
 CHOKE=K

**PROPRIETARY INFORMATION**  
 THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION FROM AST.

BREAK ALL CORNERS AND SHARP EDGES		UNLESS OTHERWISE SPECIFIED	DRAWN		WR187 WAVEGUIDE BEND PN: AST1182-3E AST1182-3H	
FRACTIONAL ± 1/32	DECIMAL .XXX ± .010	ANGULAR .XX ± .020 ± 1/2°	CHECKER			
MATERIAL: NOTED SPEC:			MECH. ENGR.			
FINISH: NOTED SPEC:			ELEC. ENGR.		DRAWING # AST1182-3	
			PROJ. ENGR.		SCALE NTS	SHEET 1 OF 1
			CHIEF ENGR.			