



(8) PLCS. THRU  
 A1  $\varnothing 0.256 \pm 0.006$   
 $-0.000$

**SPECS**  
 FREQUENCY: 4.9 – 7.05 GHZ  
 VSWR: 1.03:1  
 INSERTION LOSS: 0.1 DB/FT  
 MATERIAL: 6061 ALUMINUM  
 FINISH: BLUE ANODIZE

WR159	
PN	Length
AST1161-4-3	3 in.
AST1161-4-6	6 in.
AST1161-4-9	9 in.
AST1161-4-12	12 in.

REVISIONS		APPROVALS			
SYM	DESCRIPTION	DATE	ENGRG	PROD	Q.A.

**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		
FRACTIONAL $\pm 1/32$	CHECKER		
DECIMAL $.XXX \pm .010$	MECH. ENGR.		
ANGULAR $.XX \pm .020$	ELEC. ENGR.		
	PROJ. ENGR.		
	CHIEF ENGR.		
MATERIAL: NOTED			
SPEC:			
FINISH: NOTED			
SPEC:			

WR159 WAVEGUIDE STRAIGHT SECTION		AST MICROWAVE
DRAWING # AST1161-4		
SCALE NTS		SHEET 1 OF 1