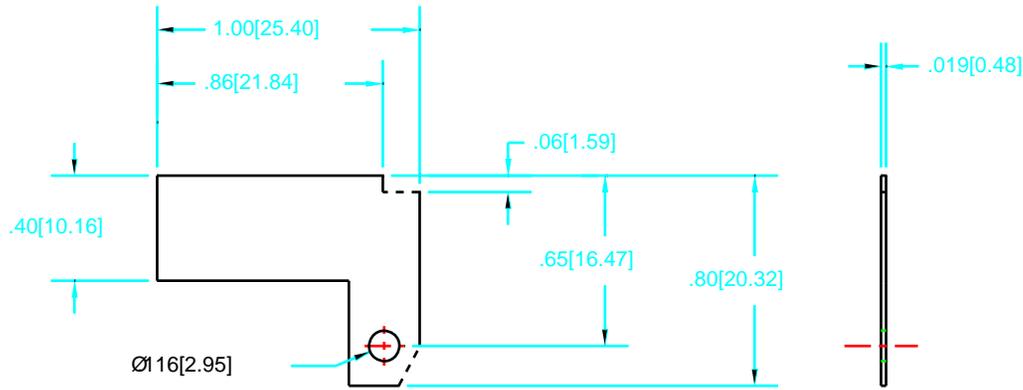


(B)

PLOT SCALE: 1=1

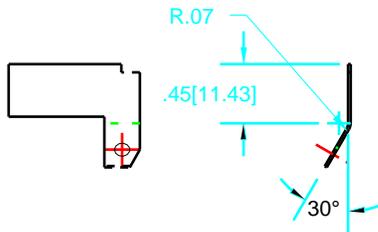
DWG. SCALE: 1



NOTES:

1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL
3. THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

2X ACTUAL SIZE BEFORE BENDING
(FOR CLARITY)



ACTUAL SIZE AFTER BENDING

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2573300	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X - .03 - .25 .XX - .01 .XXX - .005		DRAWN BY corcuera CHECKED BY J. CHANG DESIGNER CHANG/CORCUERA RESPONSIBLE ENGINEER J. CHANG MATERIAL OFHC COPPER .019 [.5mm] x SEE DWG	CHIEF DESIGN ENGINEER D. SHU GP LEADER T. KUZAY PROJECT MGR. CHANG/CORCUERA APPROVED/RELEASED J. CHANG	TITLE ADVANCED PHOTON SOURCE B7-50 ID MASK WITH BM BPM CONNECTOR BLADE SCALE 1:1 SIZE B SHEET 1 of 1
SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		DRAWING NUMBER P4105091407-520004-00		
DO NOT SCALE DRAWING				

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				