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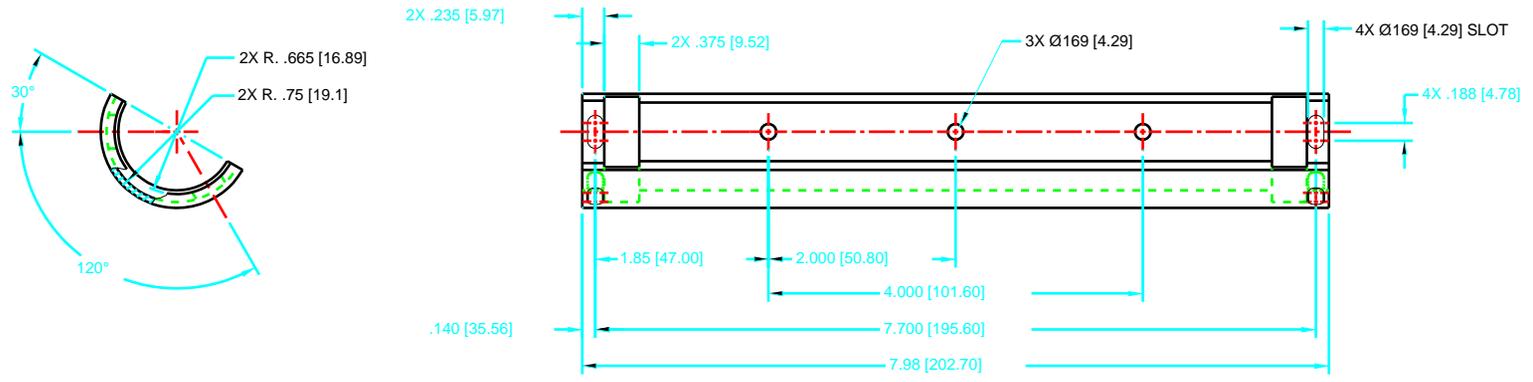
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- NOTES:
1. WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
 2. THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED. THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN, BEFORE ELECTROPOLISHING.
 3. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 4. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
 5. SURFACE ROUGHNESS \checkmark 63

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2415000		
TOLERANCES		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
DECIMALS	ANGULAR	TITLE ADVANCED PHOTON SOURCE		
.X - .03	- .25	DRAWN BY R. KRAKORA	DATE 5/8/96	CHIEF DESIGN ENGINEER D.SHU
.XX - .01		CHECKED BY J.CHANG	DATE 6/18/96	GP LEADER T.M.KUZAY
.XXX - .005		DESIGNER KRAKORA/CHANG/8/96		PROJECT MGR.
SURFACE ROUGHNESS \checkmark 63		RESPONSIBLE ENGINEER J.CHANG	DATE 6/18/96	APPROVED/RELEASED
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		MATERIAL TUBING - SST 304 1.625 O.D. x .188 WALL		
DO NOT SCALE DRAWING		SCALE 1:1	SHEET 1 of C	DRAWING NUMBER P4103091203-300003-00

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