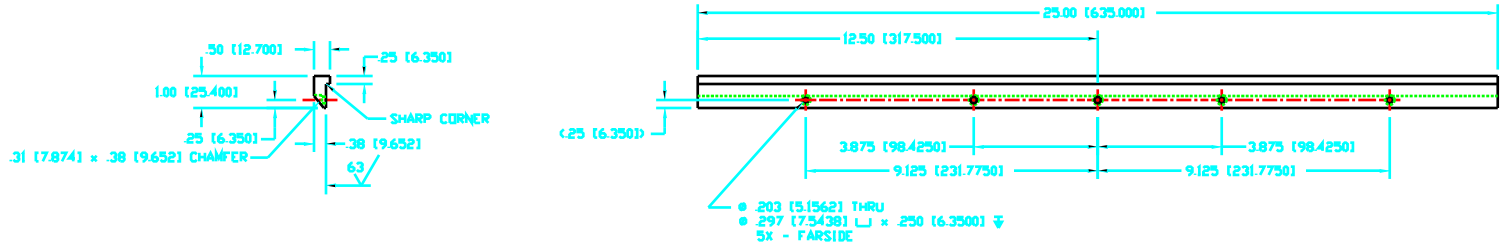

NOTE:

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. ELECTROPOLISH, TO 63 MICROINCH RMS. CLEAN PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN BEFORE ELECTROPOLISHING.
4. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
02	UPDATED	RK		

REVISIONS

ITEM	DWG & ELECTRONIC FILE NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST

ELECTRONIC FILE NUMBER: A18239

DRAWN BY: RICK KRAKORA	DATE: 12/92	CHIEF DESIGN ENGINEER: D. SHU	DATE: 8/9/93
CHECKED BY: T. SANCHEZ	DATE: 7/26/93	OP LEADER: T. KUZAY	DATE: 8/9/93
ENGINEER: RICK KRAKORA	DATE: 12/92	PROJECT MGR	DATE
MECHANICAL ENGINEER: T. SANCHEZ	DATE: 7/26/93	APPROVED/CONTROLLED	DATE

MATERIAL: SST 304 .50 THK x SEE DWG.

SCALE: 1=2 SHEET: 1 of 1 SIZE: D

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TITLE: ADVANCED PHOTON SOURCE
SI SAFETY SHUTTER
RAIL ASSEMBLY
CLAMP BAR

DRAWING NUMBER: P4102010108-210103-02

PLOT SCALE:1=2