



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL: STAINLESS STEEL 304, IN ACCORDANCE WITH ASTM A240. MILL SOURCE CERTIFICATES REQUIRED, INCLUDING HEAT NUMBER AND CHEMICAL ANALYSIS.
2. MACHINING: THE USE OF POLISHING, SANDING DISKS, ABRASIVE PAPER, OR GRINDING WHEELS IS PROHIBITED.
3. LUBRICANTS: REFER TO SLAC SPEC SC-700-866-47 FOR A LIST OF APPROVED LUBRICANTS AND COOLANTS.
4. CHEMICAL CLEANING: CLEAN PER SLAC STANDARDS FOR UHV APPLICATIONS AFTER MACHINING.
5. UHV HANDLING: AFTER UHV CLEANING OR PLATING, HANDLE WITH CLEAN LATEX OR NITRILE GLOVES IN/ON A CLEAN ROOM/SURFACE. FOR STORAGE OR SHIPPING: PLACE IN CLEAN, SEALED, VAC GRADE PLASTIC BAGS THAT ARE BACK-FILLED WITH NITROGEN, WITH PART NUMBER AND REV VISIBLE. ALTERNATIVELY, PARTS MAY BE WRAPPED IN CLEAN LINT FREE TISSUE AND UHV FOIL, AND SEALED IN CLEAN PLASTIC BAGS WITH PART NUMBER AND REV VISIBLE.



---	DIMENSIONING AND TOLERANCING IS IAW ASME Y14.5-2009	SCALE: 6:1 DO NOT SCALE DRAWING	STOCK NO	SST AISI TYPE 304
---	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.		ESTIMATED MASS: .019 LB	MATERIAL DESCRIPTION
---	TOLERANCES: BREAK EDGES .005-.015 INTERNAL CORNERS R.015 MAX FRACTIONS ± --- DEC .XX± .01 .XXX± .005 .XXXX± --- ANGLE ± --- ALL SURF	THE DRAWINGS, SPECIFICATIONS AND OTHER DATA HEREIN PROVIDED SHALL NOT BE COPIED, PUBLISHED OR OTHERWISE FURTHER DISSEMINATED WITHOUT PRIOR WRITTEN PERMISSION OF STANFORD UNIVERSITY/SLAC	CAD FILE NAME: pf23480839-0.dft	LCLS DIAGNOSTIC SYSTEMS VMI SPECTROMETER STANDOFF
---	SA-234-808-45	ENGR D. RICH DWN M. OWENS CHKR O. FRENER	DATE 20170605	APPROVALS D. RICH J. CRYAN S. LI
NEXT ASSEMBLIES:			DRAWING NUMBER PF-234-808-39	REVISION NUMBER A
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