



**LCLS** Linac Coherent Light Source  
**VACUUM LEVEL 5 SPECIFICATION**  
**SLAC-I-030-714-001-08 APPLIES**

NOTES: UNLESS OTHERWISE SPECIFIED

- CLEANING: DEGREASE AND CLEAN AS REQUIRED FOR VACUUM ENVIRONMENT.
- 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: 8:1 DO NOT SCALE DRAWING	ALUMINUM 6061-T651 OR -T6 PLATE, PER ASTM B209
---	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES .005-.015 INTERNAL CORNERS R.015 MAX FRACTIONS $\pm$ --- DEC .xx $\pm$ .05 .xxx $\pm$ .005 .xxxx $\pm$ .0005 ANGLE $\pm$ .5° ALL SURF $\checkmark$	<b>SLAC</b> NATIONAL ACCELERATOR LABORATORY	STOCK NO MATERIAL DESCRIPTION
---	63	<b>U.S. DEPARTMENT OF ENERGY</b>	ESTIMATED MASS: .002 LB DWG TYPE: PART
---	DSG-000019328	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	<b>LCLS MEC STD CONFIG ASSY, SLIM TARGET FRAME TARGET FRAME, MXI</b>
NEXT ASSEMBLIES:	APPROVALS: ENR: N. BOJADJEVA DATE: 20211022 DWN: N. BOJADJEVA CHR: B. ARNOLD	---	DRAWING NUMBER: DSG-000024009 REVISION NUMBER: 00