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UNCLASSIFIED NOTES: UNLESS OTHERWISE SPECIFIED IOI. ALL DIMENSIONS ARE IN MILLIMETERS (mm) AND VALUES ARE IN SI UNITS. DIMENSIONS AND VALUES IN BRACKETS ARE U.S. CUSTOMARY UNITS (inch) CONVERTED FROM MILLIMETERS / SI UNITS. 102. APPLICABLE STANDARDS AND SPECIFICATIONS: ASME Y14.5M-1994, DIMENSIONING AND TOLERANCING ASME YI4.38, ABBREVIATIONS AND ACRONYMS ASME YI4.36M, SURFACE TEXTURE SYMBOLS 103. I.6 [63] FINISH ALL MACHINED SURFACES PER ASME B46.I, SURFACE TEXTURE. 104. REMOVE ALL BURRS AND BREAK EDGES 0.25 [.010] TO 0.75 [.030] CHAMFER OR RADIUS. RADII MUST MAKE A SMOOTH TRANSITION WITH ADJACENT SURFACES. 106. BAG AND TAG PART WITH DRAWING NUMBER, TABULATION NUMBER, REVISION LETTER, MANUFACTURER CAGE CODE, AND PART SERIAL NUMBER IF APPLICABLE. 107. INSPECTION / ACCEPTANCE TO BE MEASURED AND RECORDED IN SI UNITS. IIO. ESTIMATED WEIGHT IS 42.607 g [1.503 oz]. Ø19.05 - Ø | 4 . 6 | III. ESTIMATED SURFACE AREA IS 2424.556 mm² [3.758 in.²]. [.750] 113. FABRICATE PER TECHNICAL SPECIFICATION MEL98-001, FABRICATION OF NIF LASER COMPONENTS AND STRUCTURES. 127. ALL DIMENSIONS ARE BASIC HAVING A PROFILE TOLERANCE OF 0.13 [.005] PER ASME Y14.5M-1994, WITH RESPECT TO THE DATUMS A, B, C (IF PRESENT). Ø 3.4 THRU BOTH SIDES -130. ALL DIMENSIONS OF UNTHREADED HOLES HAVE A TOLERANCE OF; [.134] DIAMETER Ø TOLERANCE POSITION $| \oplus | \emptyset \times . \times \times \emptyset | A | B | C |$ $\sqrt{\phi}$ 6.6 \times 90° $\emptyset > 2 - \langle = 4 \rangle + 0.16[.006]/-0.05[.001]$ 0.16[.006] [.260] NEAR AND FARSIDE [.748] [.587] [.100] ROUND TANTALUM NOMENCLATURE OR DESCRIPTION MATERIAL SPECIFICATION IDENTIFYING NO. SECTION A-A PARTS LIST UNCLASSIFIED WITH UNLIMITED DISTRIBUTION **METRIC** THIS WORK WAS PERFORMED UNDER THE AUSPICES OF THE U.S. DEPARTMENT OF ENERGY UNDER TARGET DIAGNOSTICS IRD ANGLE PROJECTION © LAWRENCE LIVERMORE NATIONAL SECURITY - LLC XRAY DIAGNOSTICS P.O. BOX 808, LIVERMORE CA 94551 REVISION DESCRIPTION CAP, LONG, 6.35ID, SOLID APERTURE BASELINE RELEASE UNDER CM DWG CLASS DWN BY HARDY6 SIZE | CAGE CODE | DWG. NO. AAA14-110241-AA **D** | 14067 IMPLY ITS ENDORSEMENT, RECOMMENDATION, OR FAVORING BY THE UNITED STATES GOVERNMENT OR \lceil SHEET | OF | CHKD BY LEE37 LAWRENCE LIVERMORE NATIONAL SECURITY, LLC. DO NOT SCALE APVD BY BAILEY38 **UNCLASSIFIED**

PRE-RELEASE