2 REV. DCN# DATE DRAWING TREE # NOTES CONTINUED: 11th May 2009 E0900137-v1 15 OCT 2009 E0900400 E0900401 9 NOV 2009 v3 E0900422 19 NOV 2009 GOLD COATING PATERN, END REACTION MASS BARREL VIEW SHOWN ROLLED OUT FLAT, REFER TO LIGO-D080116 2 DEC 2009 E0900455 12 JAN 2010 E01000003 CENTRE LINE OF OPTIC CENTRELINE OF OPTIC (TOP) (BOTTOM) 2X, 267.0 ARC LENGTH CENTRELINE OF OPTIC -CENTRELINE OF OPTIC 9 O'CLOCK POSITION.— 3 O'CLOCK POSITION. 2X, 14.70 237.00 247.0 ARC LENGTH ARC LENGTH ARC LENGTH FRONT FACE OF OPTIC 2X 65.0 12.5 **─** 12.5 -2X CP WIRE BREAK OFF PRISM 25.0 — 25.0 -DETAIL B SCALE 1.5 : 1 CENTRELINE -5X ISOLATED GOLD PADS 5MM WIDE X 51MM LONG SEPERATED FROM EACH OTHER & MAIN SECTION OF OPTIC (TOP)— OF GOLD COATING BY A 5MM GAP.
ONE IS POSITIONED CENTRED
ON TOP CENTRELINE OF OPTIC
AND OTHER THREE ARE POSITIONED AS SHOWN 10MM FROM TOP CENTRELINE OF OPTIC. INDICATES START OF CHAMFER— FRONT FACE OF OPTIC 4X 10 -5X 5.0 -56.0 R1 TYP -Q OPTIC 2.50 — -5X PE44489 MINI SMP CONNECTOR INSTALLED BY ALIGO (5.0)-──5X 4mm SQUARE GOLD PAD NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) PART NAME CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY GOLD COATING PATERN END REACTION MASS BARREL 1. INTERPRET DRAWING PER ASME Y14.5-1994. DIMENSIONS ARE MILLIMETERS SYSTEM DESIGNER K. BUCKLAND 11/19/09 **SIZE DWG. NO.** 2. REFER TO SPECIFICATION DOCUMENT E0900138-V1. TOLERANCES: .X ± 0.5 COC ADV LIGO **DRAFTER** K. BUCKLAND 11/19/09 MATERIAL **NEXT ASSY** CHECKER C. TORRIE 11/19/09 E0900138-V1 E0900138-V1 APPROVAL REFER TO DCN SCALE: NTS | PROJECTION: SHEET 1 OF 1