2 REV. DCN# DATE DRAWING TREE # NOTES CONTINUED: 11th May 2009 E0900137-v1 GOLD COATING PATTERN, COMPENSATION PLATE (CP) BARREL,, VIEW SHOWN ROLLED OUT FLAT, REFER TO LIGO-D080659 CENTRE LINE OF OPTIC -1MM WIDE BREAK IN **CENTRELINE** OF OPTIC (TOP) (BOTTOM) COATING EXTENDS 2X, 267.0 ACROSS THE ENTIRE WIDTH OF THE OPTIC. ARC LENGTH -CENTRELINE -CENTRELINE OF OPTIC 2X, 132.6 3 O'CLOCK POSITION. OF OPTIC 2X, 14.70 9 O'CLOCK POSITION. ARC LENGTH FRONT FACE OF OPTIC ARC LENGTH 2X, 65.0 — 25.0 -- 12.5 -X2 ISOLATED GOLD PADS 12.7MM WIDE X 38.1MM LONG SEPERATED FROM EACH
OTHER & MAIN SECTION
OF GOLD COATING BY A 2MM GAP. **BOTH ARE POSITIONED** AS SHOWN 132.6 MM DETAIL B FROM BOTTOM CENTRELINE SCALE 1:1 X3 ISOLATED GOLD PADS OF OPTIC. 12.7MM WIDE X 38.1MM LONG SEPERATED FROM EACH
OTHER & MAIN SECTION
OF GOLD COATING BY A 2MM GAP. ONE IS POSITIONED CENTRED
ON TOP CENTRELINE OF OPTIC
AND OTHER TWO ARE
POSITIONED AS SHOWN CENTRELINE OF OPTIC (TOP)— 14.7MM FROM TOP CENTRELINE OF OPTIC. **INDICATES START** OF CHAMFER— FRONT FACE OF OPTIC 3.0 — -CENTRE LINE OF OPTIC (BOTTOM) DETAIL A SCALE 4 : 1 __ 2.0 1MM WIDE BREAK IN -INDICATES START COATING EXTENDS
ACROSS THE ENTIRE
WIDTH OF THE OPTIC.-OF CHAMFER (38.1) -(2.0) -(12.7) (2.0)-NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) PART NAME CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY GOLD COATING PATTERN, COMPENSATION PLATE (CP) BARREL 1. INTERPRET DRAWING PER ASME Y14.5-1994. DIMENSIONS ARE MILLIMETERS SYSTEM SUB-SYSTEM **DESIGNER** C.TORRIE May 11 09 | **SIZE** | **DWG**. **NO**. 2. REFER TO SPECIFICATION DOCUMENT E0900112-V1. TOLERANCES: .X ± 0.5 COC ADV LIGO **DRAFTER** C.TORRIE May 11 09 MATERIAL **NEXT ASSY** CHECKER D. COYNE May 11 09 E0900112-V1 E0900112-V1 APPROVAL P. FRITSCHEL / G. BILLINGSLEY May12 09 SCALE: NTS PROJECTION: SHEET 1 OF 1