

d. HARDWARE: CORROSION RESISTANCE STEEL, PASSIVATED e. PEEK BRAID - PEEK VICTREX GRADE TDS-450CA30 CARBON LOADED - SUPPLIED BY LIGO NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) CALIFORNIA INSTITUTE OF TECHNOLOGY 2. CABLE 6 COND. 28 AWG. (40 STRD 44 AWG.) WITH PFA INSULATION COONER WIRE # CZ1105 1. INTERPRET DRAWING PER ASME Y14.5-1994. MASSACHUSETTS INSTITUTE OF TECHNOLOGY CUSTOM CABLE SPECIFICATION V25T-40 OVERALL 40AWG COPPER BRAID 90% COVERAGE - SUPPLIED BY LIGO DIMENSIONS ARE IN INCHES 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL OVERALL PEEK BRAID MIN. 50% COVERAGE - SUPPLIED BY LIGO EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS. SUB-SYSTEM DESIGNER | R. ABBOTT | OCT/03/2011 | SIZE | DWG. NO. OVERALL CABLE O.D. WILL BE APPROX. 0.240 IN. **TOLERANCES:** 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE .XX ± D1101654 DRAFTER E. BROWN OCT/03/2011 .XXX ± AND FREE OF SULFUR, SILICONE, AND CHLORINE. **NEXT ASSY** SCREWS SHOULD BE THE PROPER LENGTH FOR PROPER MATING) CHECKER ANGULAR ± ° Material <not specified>

APPROVAL

PROJECTION:

SHEET 1 OF 1

3. CONNECTORS WILL BE SUPPLIED WITH HARDWARE (LENGTH OF SCREWS AS SHOWN ARE APPROXIMATE