

8 TWISTED PAIRS (4 TO 5 TWISTS PER INCH).

OVERALL PEEK BRAID MIN. 50% COVERAGE.

OVERALL CABLE O.D. ~ 0.260 IN.

CONNECTORS WILL BE SUPPLIED WITH HARDWARE. SCREWS SHOULD BE THE PROPER LENGTH FOR MATING.

OVERALL 40AWG COPPER BRAID SHIELD MIN. 50% COVERAGE - SUPPLIED BY LIGO.

INTERPRET DRAWING PER ASME Y14.5-1994. DIMENSIONS ARE IN 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. TOLERANCES: 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER .XX ± SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. .XXX ±

ANGULAR ± °

SYSTEM SUB-SYSTEM ISC LIGO **NEXT ASSY** Material <not specified>

μınch

PART NAME CUSTOM CABLE SPECIFICATION V25B-108 DESIGNER | R. ABBOTT MAY/07/2012 SIZE DWG. NO.

DRAFTER E. BROWN MAY/07/2012 CHECKER

APPROVAL SCALE: 1:1 PROJECTION:

LIGO MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SHEET 1 OF 1

DRAWING TREE #

CONNECTOR

TO

Conn. J2

PIN 1,

SHELL

PIN 13

PIN 25

PIN 12

PIN 24

PIN 11

PIN 23

PIN 10

PIN 22

PIN 9

PIN 21

PIN 8

PIN 20

PIN 7

PIN 19

PIN 6

PIN 18