





		,	25 F/S1		
CABLE NAME	COND WIRE ID	TWISTED PAIR	LENGTH *	FROM	то
V25A-108	25 COND. CABLE	(12 TOTAL)	108 in.	Conn. J1	Conn.
	W1	SHIELD	108 in	PIN 1, SHELL	PIN 1 SHEL
	W2	TD 1	108 in	PIN 2	PIN 2
	W14	TP-1	108 in	PIN 14	PIN 1
	W3	TD O	108 in	PIN 3	PIN 3
	W15	- TP-2 -	108 in	PIN 15	PIN 1
	W4	TD 2	108 in	PIN 4	PIN 4
	W16	TP-3	108 in	PIN 16	PIN 1
	W5	TP-4	108 in	PIN 5	PIN 5
	W17	117-4	108 in	PIN 17	PIN 1
	W6	TP-5	108 in	PIN 6	PIN 6
	W18	II-5	108 in	PIN 18	PIN 1
	W7	TD /	108 in	PIN 7	PIN 7
	W19	TP-6	108 in	PIN 19	PIN 1
	W8	TP-7	108 in	PIN 8	PIN 8
	W20		108 in	PIN 20	PIN 2
	W9	TP-8	108 in	PIN 9	PIN 9
	W21	11-0	108 in	PIN 21	PIN 2
	W10	TP-9	108 in	PIN 10	PIN 1
	W22	IP-9	108 in	PIN 22	PIN 2
	W11	TD 10	108 in	PIN 11	PIN 1
	W23	TP-10	108 in	PIN 23	PIN 2
	W12	TP-11	108 in	PIN 12	PIN 1
	W24		108 in	PIN 24	PIN 2
	W13	TD 10	108 in	PIN 13	PIN 1
	W25	TP-12	108 in	PIN 25	PIN 2

		N QPD CABLE TO SEISMIC TABLE
1	/-DB25 F/S1-	108-DB25 F/\$1
	STANDARD USE	FOR THIS CABLE
SUBSYSTEM	AIR/VAC	STANDARD USE
ISC	IN-VAC	FLANGE TO TOP CABLE QPD FOR TRANSMON
		HAM3 flange D3-3C2 to CB3, ISC QPDs

	NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		7/////	CALIFORNIA INICTITUTE OF TECHNICI COV	PART NAME	CUSTOM CABL	F SPF(CIFICATION	
DIMENSIONS ARE IN	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005015. FOR MACHINED ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PART		LIGO	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			A-108		
TOLERANCES:	3. DO NOT SCALE FROM DRAWING.		SYSTEM	SUB-SYSTEM	DESIGNER	R. ABBOTT AUG/23/2011 SIZ	E DWG.	NO.	REV.
.XX ± .XXX ±	4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FUL SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE			ISC	DRAFTER	E. BROWN AUG/23/2011	,	D1101658	v1
	MATERIAL	FINISH	NEXT ASSY		CHECKER	<u> </u>	•	D1101030	• •
ANGULAR ± °	Material <not specified=""></not>	μinch	۱		APPROVAL	SC	ALE:];]	PROJECTION:	SHEET 1 OF 1

NOTES CONTINUED:

(5) SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTÉD SURFACE FOLLOWED ON THE

SCREWS SHOULD BE THE PROPER LENGTH FOR PROPER MATING)

OVERALL PEEK BRAID MIN. 50% COVERAGE

OVERALL CABLE O.D. WILL BE 0.240 IN.

e. HARDWARE: CORROSION RESISTANCE STEEL, PASSIVATED

OVERALL 40AWG COPPER BRAID 50% COVÉRAGE - SUPPLIED BY LIGO

CABLE 25 COND. 29 AWG, (51 STRD 46 AWG) WITH PFA INSULATION COONER WIRE #CZ1104 12 TWISTED PAIRS (4 TO 5 TWISTS PER INCH) + 1 WIRE

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

f. PEEK BRAID - PEEK VICTREX GRADE TDS-450CA30 CARBON LOADED - SUPPLIED BY LIGO