

**NOTES CONTINUED:** 

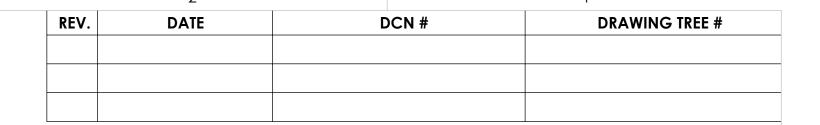
OVERALL 40AWG COPPER BRAID SHIELD MIN. 50% COVERAGE - SUPPLIED BY LIGO

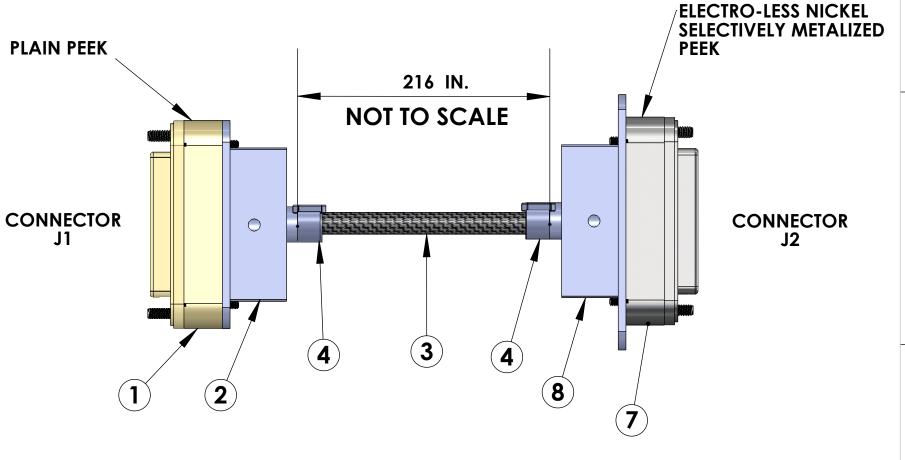
SCREWS SHOULD BE THE PROPER LENGTH FOR PROPER MATING)

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

OVERALL PEEK BRAID MIN. 50% COVERAGE

OVERALL CABLE O.D. ~ 0.260 IN.





## V25B-216 CABLE ASSEMBLY CIRCUIT SUMMARY V-DB25HD F/S1-216-DB25HD F/S1

CABLE NAME	COND WIRE ID	DOUBLE TWISTED PAIR	LENGTH *	FROM	ТО
V25B-216	16 COND. CABLE	(12 TOTAL)	216 in.	Conn. J1	Conn. J2
	SHIELD		216 in	PIN 1, SHELL	PIN 1, SHELL
	W13	TP-1	216 in	PIN 13	PIN 13
	W25	IF-I	216 in	PIN 25	PIN 25
	W12	TP-2	216 in	PIN 12	PIN 12
	W24	11 -Z	216 in	PIN 24	PIN 24
	W11	TP-3	216 in	PIN 11	PIN 11
	W23	11-3	216 in	PIN 23	PIN 23
	W10	TP-4	216 in	PIN 10	PIN 10
	W22	11 -4	216 in	PIN 22	PIN 22
	W9	TP-5	216 in	PIN 9	PIN 9
	W21	11-5	216 in PIN 21 PII	PIN 21	
	W8	TP-6	216 in	PIN 8	PIN 8
	W20	117-0	216 in	PIN 20	PIN 20
	W7	TD 7	216 in	PIN 7	PIN 7
	W19	TP-7	216 in	PIN 19	PIN 19
	W6	TD 0	216 in	PIN 6	PIN 6
	W18	TP-8	216 in	PIN 18	PIN 18
DIN 14 2 15 2 14 4 17 5 NI/C (N	OT CONNIECTED				

PIN 14,2,15,3,16,4,17,5 N/C (NOT CONNECTED)

\* The length shown in this list is the length of the cable between the two connectors. Add additional length as necessary for the internal wiring of the connectors and strip length.

## SEE REFERENCE DCC# LIGO-D1100670

		COMOTOR CABLE TO SEISMIC TABLE
V-D	B25HD F/S1-2	16-DB25HD F/S1
	STANDARD USE F	OR THIS CABLE
SUBSYSTEM	AIR/VAC	STANDARD USE
ISC	IN-VAC	PICOMOTORS - FLANGE TO TOP

CUSTOM CABLE SPECIFICATION PART NAME **CALIFORNIA INSTITUTE OF TECHNOLOGY** LIGO MASSACHUSETTS INSTITUTE OF TECHNOLOGY V25B-216 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. SYSTEM SUB-SYSTEM TOLERANCES: R.ABBOTT | MAY/4/2011 | SIZE | DWG. NO. REV. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER .XX ± LIGO ISC DRAFTER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. E.BROWN MAY/4/201 LIGO - D1000223 **v**1 .XXX ± **NEXT ASSY** CHECKER ANGULAR ± ° Material <not specified> μınch **APPROVAL** SCALE: 1:1 PROJECTION: SHEET 1 OF 1