NOTES CONTINUED: $\overline{(5)}$ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND **REVISION ON NOTED SURFACE FOLLOWED ON THE** NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: DXXXXXXX-VY, S/N 001.

- VIBRATORY TOOL MAY BE USED. 6. APPROXIMATE WEIGHT = X.XXX LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364

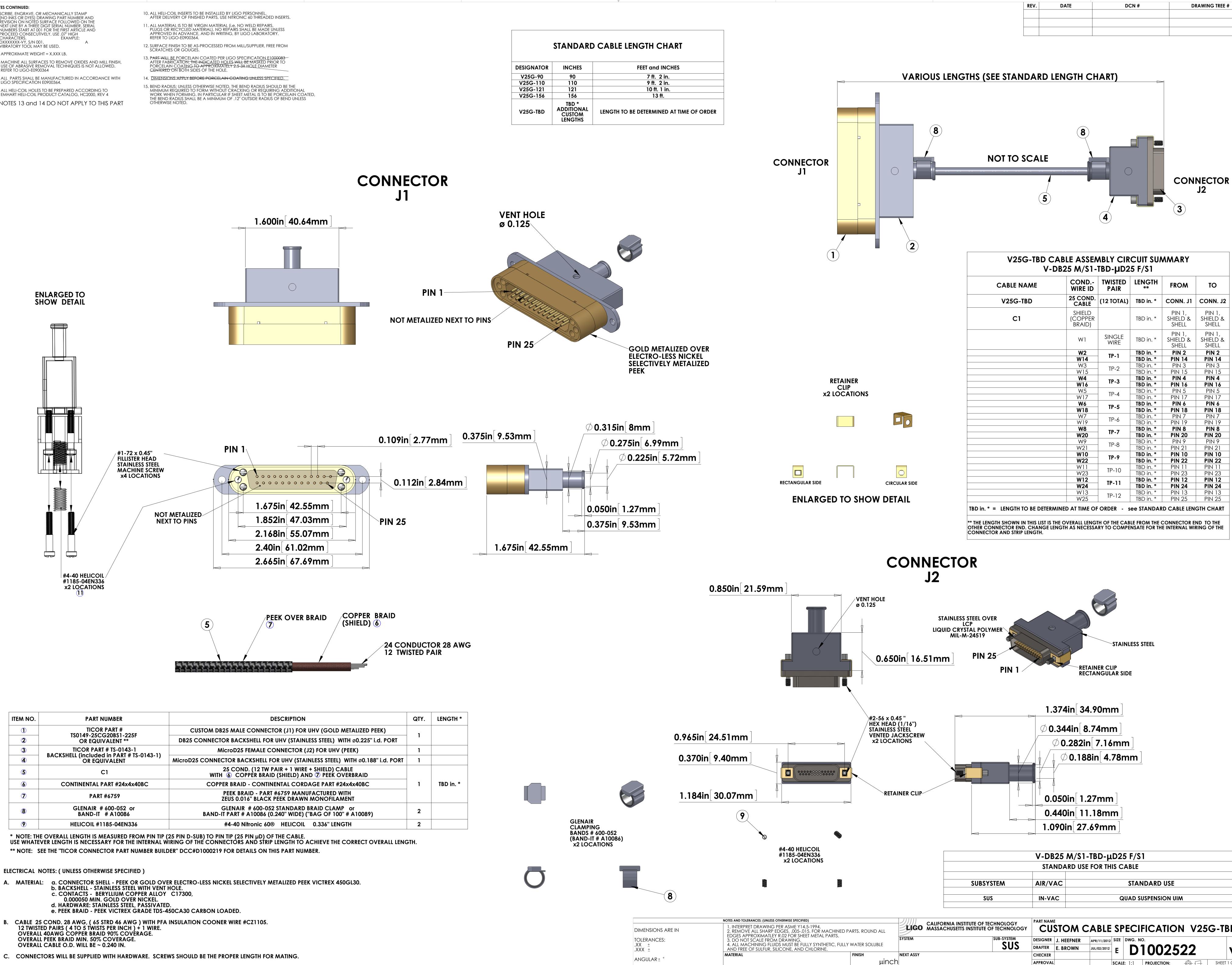
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- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364. 9. ALL HELI-COIL HOLES TO BE PREPARED ACCORDING TO
- EMHART HELI-COIL PRODUCT CATALOG, HC2000, REV 4 NOTES 13 and 14 DO NOT APPLY TO THIS PART

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- APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
- SCRATCHES OR GOUGES.
- CENTERED ON BOTH SIDES OF THE HOLE.
- 15. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL THE BEND RADIUS SHALL BE A MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS



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ITEM NO.	PART NUMBER	DESCRIPTION
1	TICOR PART #	CUSTOM DB25 MALE CONNECTOR (J1) FOR UHV (GOLD A
2	TS0149-25CG20BS1-225F OR EQUIVALENT **	DB25 CONNECTOR BACKSHELL FOR UHV (STAINLESS STEEL) W
3	TICOR PART # TS-0143-1	MicroD25 FEMALE CONNECTOR (J2) FOR UHV (
4	BACKSHELL (included in PART # TS-0143-1) OR EQUIVALENT	MicroD25 CONNECTOR BACKSHELL FOR UHV (STAINLESS STEEL)
5	C1	25 COND. (12 TW PAIR + 1 WIRE + SHIELD) CA WITH 6 COPPER BRAID (SHIELD) AND 7 PEEK OV
6	CONTINENTAL PART #24x4x40BC	COPPER BRAID - CONTINENTAL CORDAGE PART #2
7	PART #6759	PEEK BRAID - PART #6759 MANUFACTURED W ZEUS 0.016" BLACK PEEK DRAWN MONOFILAN
8	GLENAIR # 600-052 or BAND-IT # A10086	GLENAIR # 600-052 STANDARD BRAID CLAMP BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100"
9	HELICOIL #1185-04EN336	#4-40 Nitronic 60® HELICOIL 0.336" LENG

** NOTE: SEE THE "TICOR CONNECTOR PART NUMBER BUILDER" DCC#D1000219 FOR DETAILS ON THIS PART NUMBER.

ELECTRICAL NOTES: (UNLESS OTHERWISE SPECIFIED)

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OVERALL PEEK BRAID MIN. 50% COVERAGE.

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

D

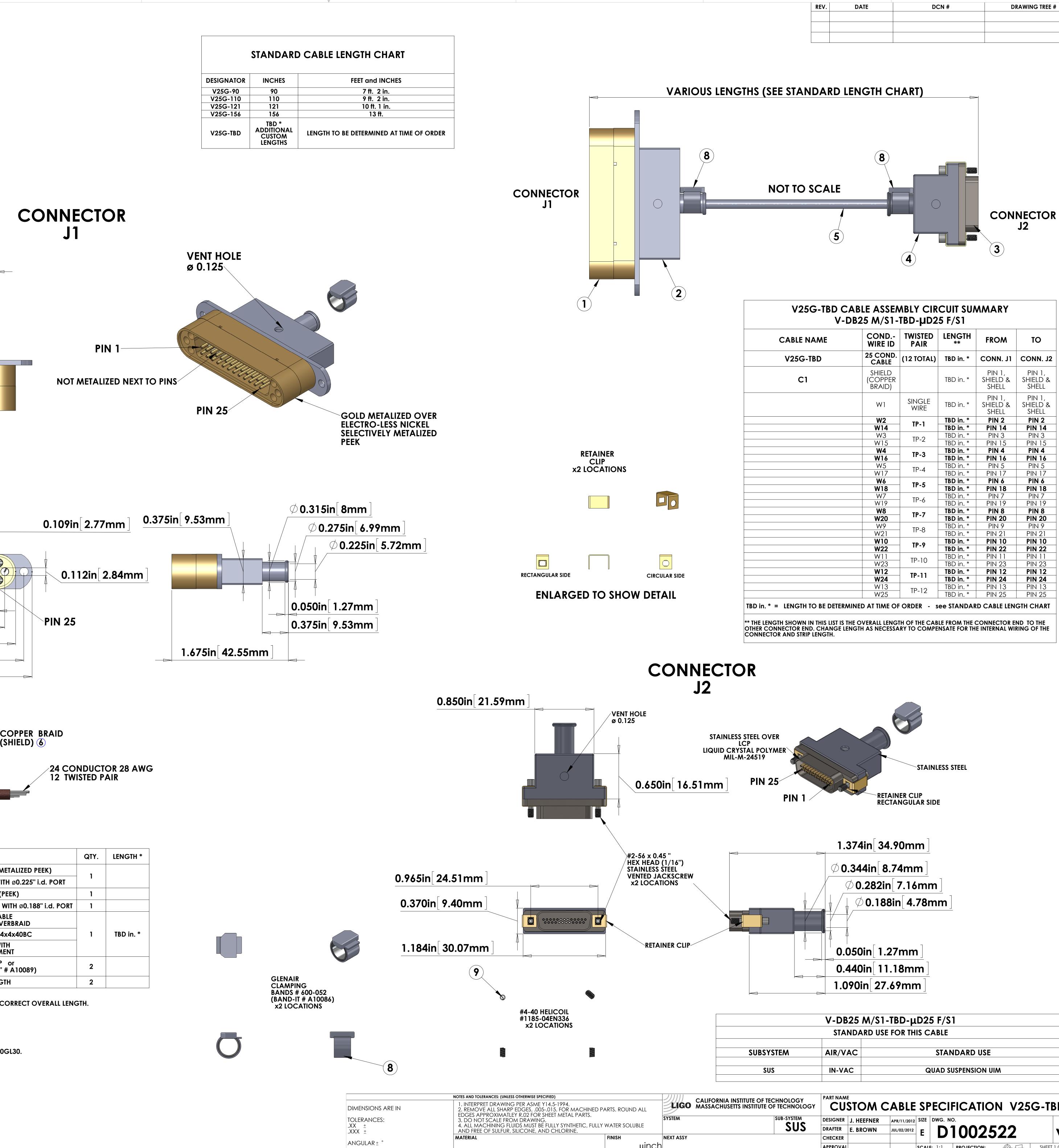
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STANDARD CABLE LENGTH CHART				
DESIGNATOR	INCHES	FEET and INCHES		
V25G-90	90	7 ft. 2 in.		
V25G-110	110	9 ft. 2 in.		
V25G-121	121	10 ft. 1 in.		
V25G-156	156	13 ft.		
V25G-TBD	TBD * ADDITIONAL CUSTOM LENGTHS	LENGTH TO BE DETERMINED AT TIME OF OR		

4

3

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	1				
E	DCN #	DRAWING TREE #			

OND Vire ID	TWISTED PAIR	LENGTH	FROM	то
5 COND. CABLE	(12 TOTAL)	TBD in. *	CONN. J1	CONN. J2
Shield Copper Braid)		TBD in. *	PIN 1, SHIELD & SHELL	PIN 1, SHIELD & SHELL
W1	SINGLE WIRE	TBD in. *	PIN 1, SHIELD & SHELL	PIN 1, SHIELD & SHELL
W2	TP-1	TBD in. *	PIN 2	PIN 2
W14	16-1	TBD in. *	PIN 14	PIN 14
W3	TP-2	TBD in. *	PIN 3	PIN 3
W15	11 -2	TBD in. *	PIN 15	PIN 15
W4	TP-3	TBD in. *	PIN 4	PIN 4
W16	11-5	TBD in. *	PIN 16	PIN 16
W5	TP-4	TBD in. *	PIN 5	PIN 5
W17	11 7	TBD in. *	PIN 17	PIN 17
W6	TP-5	TBD in. *	PIN 6	PIN 6
W18		TBD in. *	PIN 18	PIN 18
W7	TP-6	TBD in. *	PIN 7	PIN 7
W19		TBD in. *	PIN 19	PIN 19
	TP-7	TBD in. *	PIN 8	PIN 8
<u>W20</u>		TBD in. *	PIN 20	PIN 20
W9	TP-8	TBD in. *	PIN 9	PIN 9
W21		TBD in. *	PIN 21	PIN 21 PIN 10
W10 W22	TP-9	TBD in. * TBD in. *	PIN 10 PIN 22	PIN 10
W11		TBD in. *	PIN 22	PIN 22
W23	TP-10	TBD in. *	PIN 23	PIN 23
W12		TBD in. *	PIN 12	PIN 12
W12 W24	TP-11	TBD in. *	PIN 24	PIN 24
W13		TBD in. *	PIN 13	PIN 13
W25	TP-12	TBD in. *	PIN 25	PIN 25

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В

OM CABLE SPECIFICATION V25G-TBD						
EFNER	APR/11/2012	SIZE	DWG. N	Э.		REV.
OWN	JUL/02/2012	E	D	10025	522	v6
		SCALE:]:]		PROJECTION:	$\bigcirc \bigcirc$	SHEET 1 OF 1
				1		