

NOTES: (UNLESS OTHERWISE SPECIFIED)

A. MATERIAL: a. 25 PIN CONNECTOR SHELL - J1 (E) STAINLESS STEEL OVER LCP - (LIQUID CRYSTAL POLYMER per MIL-M-24519). b. 9 PIN CONNECTOR SHELL - J2 (À), J3 (B), J4 (C), J5 (D) - PEEK - VICTREX 450GL30. c. CONTACTS - BERYLLIUM COPPER ALLOY C17300, 0.000050 MIN. GOLD OVER NICKEL.

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- d. HARDWARE: STAINLESS STEEL, PASSIVATED. e. PEEK BRAID - PEEK VICTREX GRADE TDS-450CA30 CARBON LOADED - SUPPLIED BY LIGO.

B. CABLE 7 COND. 28 AWG, (40 STRD 44 AWG) WITH PFA INSULATION. 3 TWISTED PAIRS (4 TO 5 TWISTS PER INCH). OVERALL 40AWG COPPER BRAID 90% COVERAGE.

OVERALL PEEK BRAID MIN. 50% COVERAGE. OVERALL CABLE O.D. WILL BE APPROX. 0.240 IN.

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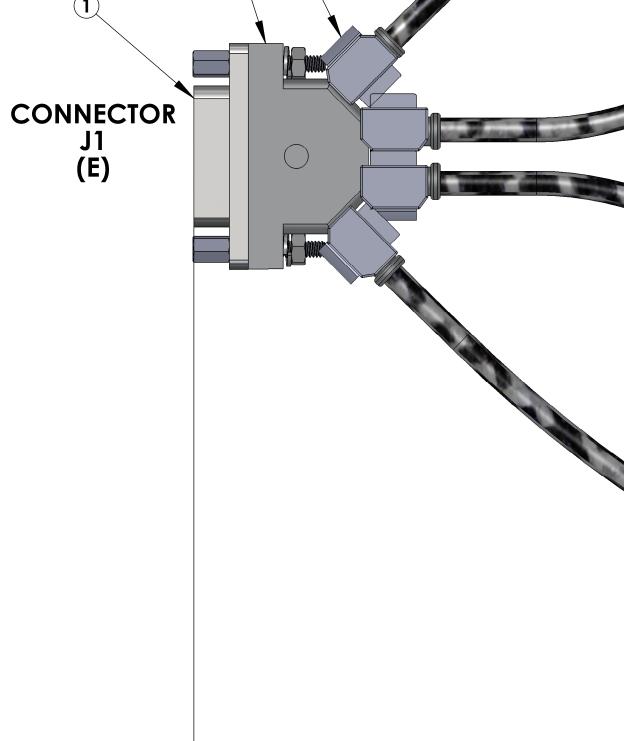
C. CONNECTORS WILL BE SUPPLIED WITH HARDWARE. SCREWS SHOULD BE THE PROPER LENGTH FOR MATING.

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		FROM					
	CONNECTOR J1 - 25 PIN MALE MICRO_D CONNECTOR						
	PIN	WIRE NAME	COLOR	LENGTH	TWISTED PAIR		
	E1	(CONNECTOR SHELL)					
	E1	(CABLE 1 SHIELD)			(CABLE 1 SHIELD		
	E1	(CABLE 1) WIRE 1	White	33 in.	SINGLE WIRE		
	E14	(CABLE 1) WIRE 14	White	33 in.	TP-1A		
	E2	(CABLE 1) WIRE 2	White	33 in.	TP-1A		
	E15	(CABLE 1) WIRE 15	White	33 in.	TP-2A		
	E3	(CABLE 1) WIRE 3	White	33 in.	TP-2A		
	E16	(CABLE 1) WIRE 16	White	33 in.	TP-3A		
	E4	(CABLE 1) WIRE 4	White	33 in.	TP-3A		
	E1	(CABLE 2 SHIELD)			(CABLE 2 SHIELD)		
-	E17	(CABLE 2) WIRE 17	White	33 in.	TP-1B		
-	E5	(CABLE 2) WIRE 5	White	33 in.	TP-1B		
-	E18	(CABLE 2) WIRE 18	White	33 in.	TP-2B		
	E6	(CABLE 2) WIRE 6	White	33 in.	TP-2B		
	E19	(CABLE 2) WIRE 19	White	33 in.	TP-3B		
-	E7	(CABLE 2) WIRE 7	White	33 in.	TP-3B		
	L/		, , , , , , , , , , , , , , , , , , ,	00 111			
	E1	(CABLE 3 SHIELD)			(CABLE 3 SHIELD)		
	E20	(CABLE 3) WIRE 20	White	33 in.	TP-1C		
	E8	(CABLE 3) WIRE 8	White	33 in.	TP-1C		
	E21	(CABLE 3) WIRE 21	White	33 in.	TP-2C		
	E9	(CABLE 3) WIRE 9	White	33 in.	TP-2C		
	E22	(CABLE 3) WIRE 22	White	33 in.	TP-3C		
	E10	(CABLE 3) WIRE 10	White	33 in.	TP-3C		
	E1	(CABLE 4 SHIELD)			(CABLE 4 SHIELD)		
	E23	(CABLE 4) WIRE 23	White	33 in.	TP-1D		
	E11		White	33 in.	TP-1D		
\vdash	E11 E24	(CABLE 4) WIRE 11 (CABLE 4) WIRE 24	White	33 in.	TP-2D		
	E12	(CABLE 4) WIRE 12	White	33 in.	TP-2D		
-	E25	(CABLE 4) WIRE 25	White	33 in.	TP-3D		
	E13	(CABLE 4) WIRE 13	White	33 in.	TP-3D		

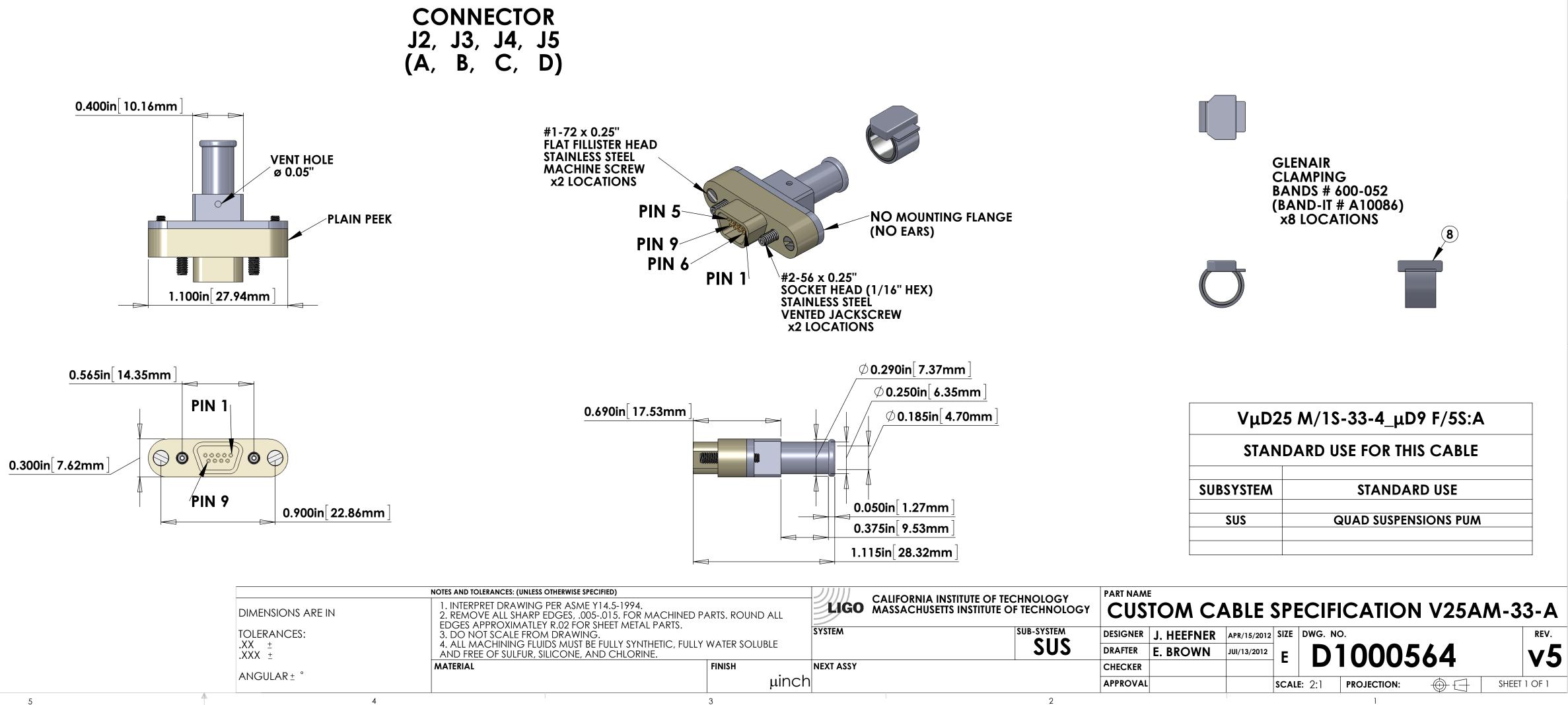
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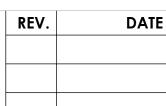
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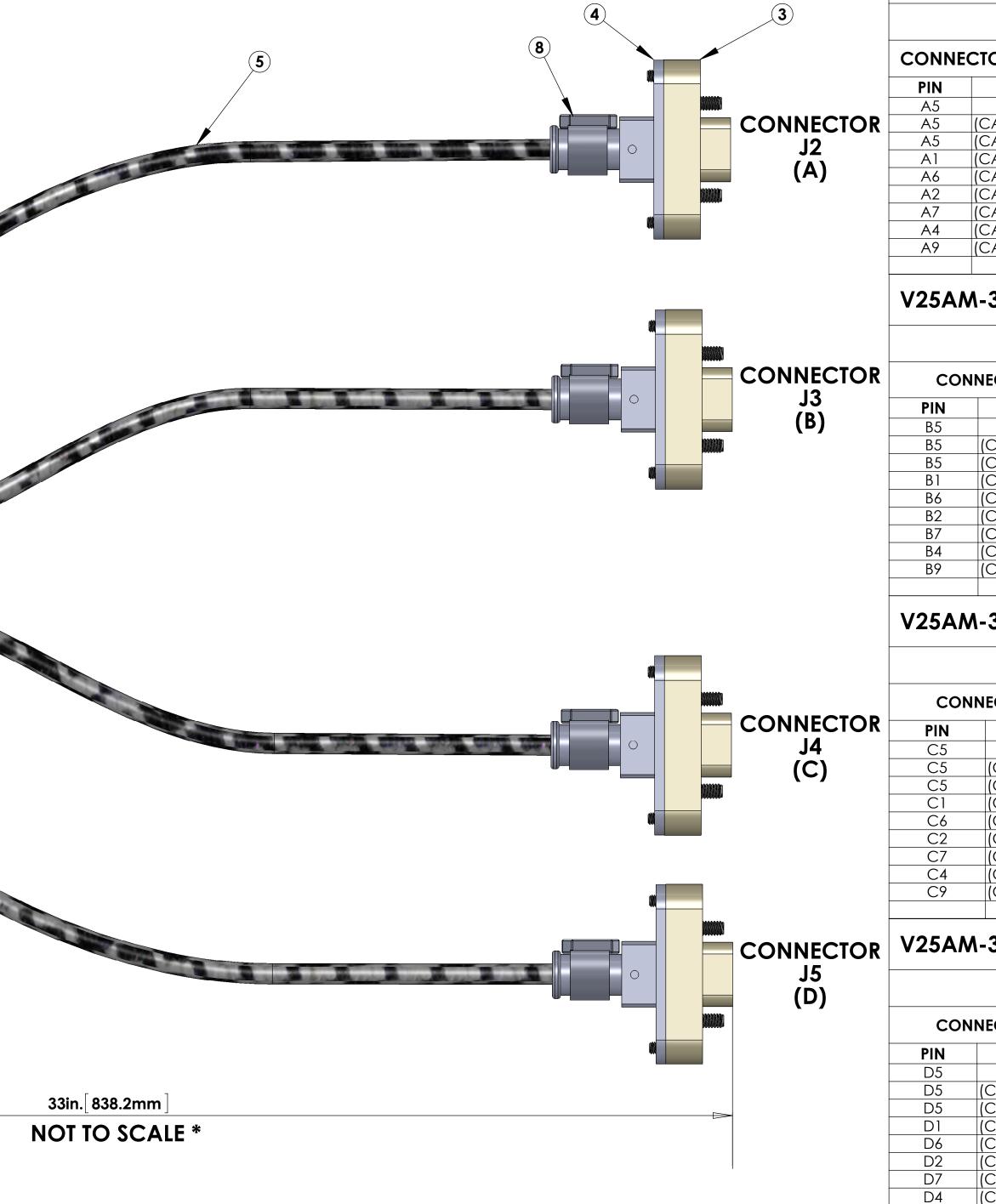
	QTY.	LENGTH
TEEL OVER LCP)	1	
QUAD Ø0.100" i.d. PORTS	1	
IV (PEEK)	4	
VITH Ø0.185" i.d. PORT	4	
ERBRAID.	4	
	4	33in.*
TH ENT	4	
or # A10089)	8	
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TEST	r list		TEST LIST		TEST	LIST	TEST	LIST
FROM	то	FRO	мто		FROM	то	FROM	ΤΟ
J1	J2	J1	J3		J1	J4	J1	J5
PIN	PIN	PIN			PIN	PIN	PIN	PIN
J1 - 1, SHELL	J2 - 5 - SHELL	J1 - 1, SI	HELL J3 - 5 - SHELL		J1 - 1, SHELL	J4 - 5 - SHELL	J1 - 1, SHELL	J5 - 5 - SHEI
J1 - 14 J1 - 2	J2 - 1 J2 - 6	J1 - 1 J1 - 1	7 J3 - 1		J1 - 20 J1 - 8	J4 - 1 J4 - 6	J1 - 23 J1 - 11	J5 -1 J5 -6
J1 - 15	J2 - 2	J1 - 1	8 J3 - 2		J1 - 21	J4 - 2	J1 - 24	J5 -2
J1 - 3 J1 - 16	J2 - 7 J2 - 4	J1 - 0 J1 - 1			J1 - 9 J1 - 22	J4 - 7 J4 - 4	J1 - 12 J1 - 25	J5 -7 J5 -4
J1 - 4	J2 - 9	J1 - 7			J1 - 10	J4 - 9	J1 - 13	J5 -9
			3 CONNEC J2 (A)	-	CONNECTOR PIN A5 (CA A5 (CABLE A5 (CABLE A5 (CABLE A1 (CABLE A2 (CABLE A7 (CABLE A9 (CABLE A9 (CABLE PIN E B5 (C	TO J2 - 9 PIN FEMALE WIRE NAME DNNECTOR SHELL) 1) SHIELD 1) WIRE 1 1) WIRE 14 1) WIRE 14 1) WIRE 15 1) WIRE 15 1) WIRE 15 1) WIRE 16 1) WIRE 16 1) WIRE 16 1) WIRE 4 DNNECTOR SHELL	MICRO_D CONNECT SIGNAL SHIELD SHIELD SHIELD PD1-K PD1-A LED1-A LED1-A LED1-A COIL1-FN COIL1-ST ABLY CIRCUIT S AICRO_D CONNECTO SIGNAL SHIELD	TOR (PEEK)
				-		E 2) SHIELD	SHIELD	
		nin -		Ļ	B5 (CABL	E 2) WIRE 1	SHIELD	
				-	1	E 2) WIRE 17	PD2-K	
				-		_E 2) WIRE 5 _E 2) WIRE 18	PD2-A LED2-A	
				-	B7 (CABL	E 2) WIRE 6	LED2-K	
				-	•	_E 2) WIRE 19 _E 2) WIRE 7	COIL2-FN COIL2-S1	
1777 AL			CONNEC J4	TOR	CONNECTO	TO	ABLY CIRCUIT S AICRO_D CONNECTO SIGNAL SHIELD	R (PEEK)
			(C)	-	C5 (CÀE	BLE 3) SHIELD	SHIELD	
				-	•	3LE 3) WIRE 1 3LE 3) WIRE 20	SHIELD PD3-K	
		00		-	C6 (CAE	BLE 3) WIRE 8	PD3-A	
				F	•	3LE 3) WIRE 21 3LE 3) WIRE 9	LED3-A LED3-K	
		_	_	-	C4 (CAE	BLE 3) WIRE 22	COIL3-FN	
				-	C9 (CAE	BLE 3) WIRE 10	COIL3-ST	
					V25AM-33-	A CABLE ASSE	ABLY CIRCUIT S	UMMAR
			(D)	-		TO		
							AICRO_D CONNECTO	R (PEEK)
				F	PIN		SIGNAL	
				-		ONNECTOR SHELL) LE 4) SHIELD	SHIELD SHIELD	
			>	-	D5 (CABL	E 4) WIRE 1	SHIELD	
				-		.E 4) WIRE 23 .E 4) WIRE 11	PD4-K PD4-A	
				-	·	.E 4) WIRE 24	LED4-A	
				-	D7 (CABL	E 4) WIRE 12	LED2-K	
				-	•	.E 4) WIRE 25 .E 4) WIRE 13	COIL4-FN COIL4-ST	
AD						GLENAI		
							NG # 600-052	
							f 600-052 T # A10086)	
PIN 5		NO MOUI (NO EARS	NTING FLANGE			X8 LOC	ATIONS	



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E	DCN #			DRAWING TREE #		

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