

NOTES: ( UNLESS OTHERWISE SPECIFIED )

8

1. MATERIAL: a. CONNECTOR SHELL - PEEK

**b. BACKSHELL - STAINLESS STEEL WITH VENT HOLE.** c. CONTACTS - BERYLLIUM COPPER ALLOY C17300

0.000050 MIN. GOLD OVER NICKEL d. HARDWARE: CORROSION RESISTANCE STEEL, PASSIVATED

e. PEEK BRAID - PEEK CARBON LOADED

2. CABLE 2,4 or 6 COND. 28 AWG, ( 40 STRD 44 AWG ) WITH 2 LAYERS OF KAPTON TAPE 1,2 or 3 TWISTED PAIRS ( 4 TO 5 TWISTS PER INCH ) **OVERALL 40AWG SILVER PLATED COPPER BRAID 90% COVERAGE** OVERALL PEEK BRAID MIN. 50% COVERAGE OVERALL CABLE O.D. WILL BE APPROX. 0.240 IN.

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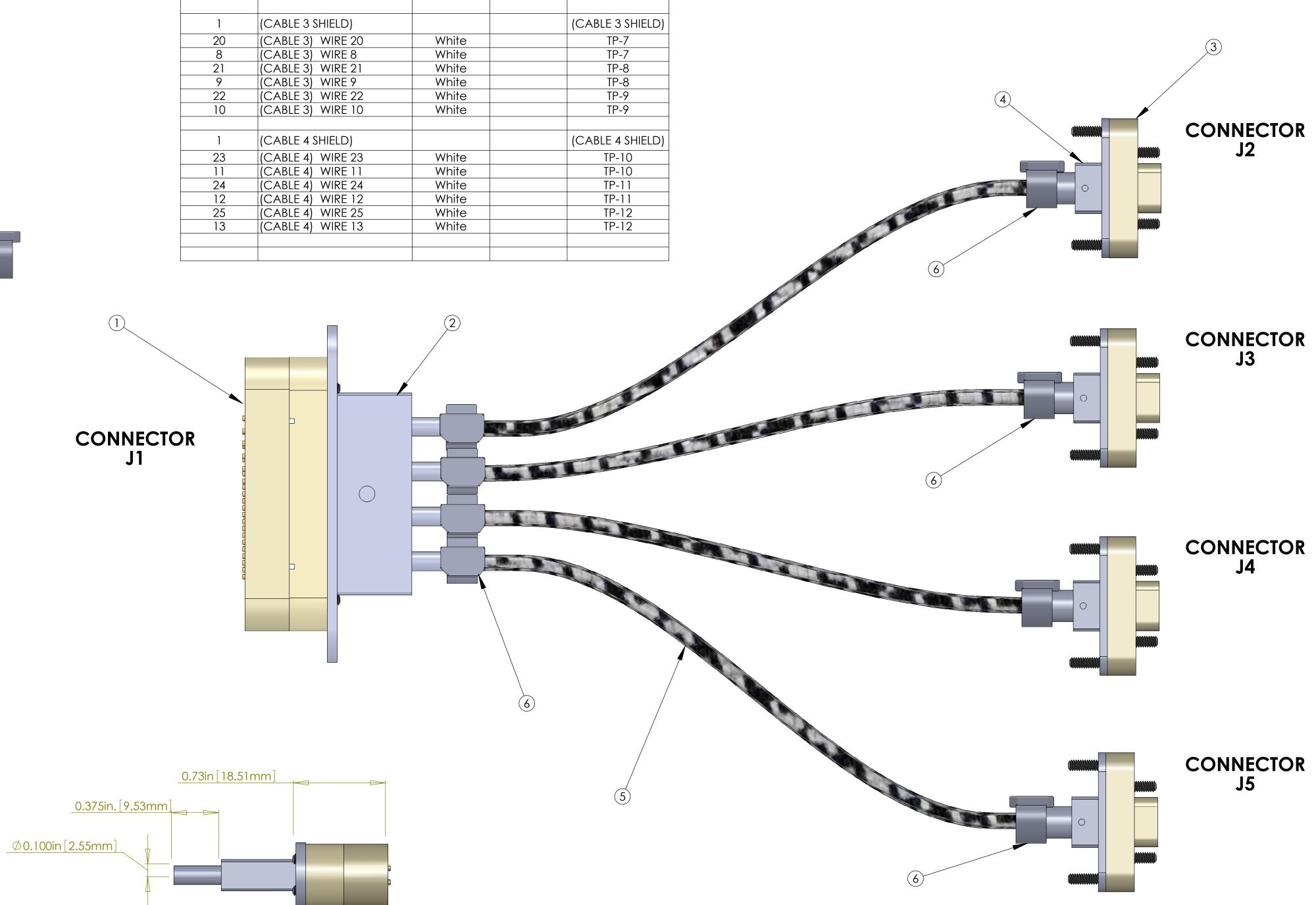
	V25P CABLE ASSEMBLY CIRCUIT SUMMARY V-DB25 M/1-60-4_µD9 F/5						
	FROM						
	CONNECTOR J1 - 25 PIN MALE SUBMINI_D CONNECTOR (PEEK)						
PIN	WIRE NAME	COLOR	LENGTH	TWISTED PAIR			
1	(CABLE 1 SHIELD)			(CABLE 1 SHIELD)			
1	(CABLE 1) WIRE 1	White		SINGLE WIRE			
14	(CABLE 1) WIRE 14	White		TP-1			
2	(CABLE 1) WIRE 2	White		TP-1			
15	(CABLE 1) WIRE 15	White		TP-2			
3	(CABLE 1) WIRE 3	White		TP-2			
16	(CABLE 1) WIRE 16	White		TP-3			
4	(CABLE 1) WIRE 4	White		TP-3			
1	(CABLE 2 SHIELD)			(CABLE 2 SHIELD)			
17	(CABLE 2) WIRE 17	White		TP-4			
5	(CABLE 2) WIRE 5	White		TP-4			
18	(CABLE 2) WIRE 18	White		TP-5			
6	(CABLE 2) WIRE 6	White		TP-5			
19	(CABLE 2) WIRE 19	White		TP-6			
7	(CABLE 2) WIRE 7	White		TP-6			
1	(CABLE 3 SHIELD)			(CABLE 3 SHIELD)			
20	(CABLE 3) WIRE 20	White		TP-7			
<u></u> 8		White		TP-7			
21	(CABLE 3) WIRE 8 (CABLE 3) WIRE 21	White		TP-8			
<u></u> 9	(CABLE 3) WIRE 21	White		TP-8			
22	(CABLE 3) WIRE 22	White		TP-9			
10	(CABLE 3) WIRE 10	White		TP-9			
1	(CABLE 4 SHIELD)			(CABLE 4 SHIELD)			
23	(CABLE 4) WIRE 23	White		TP-10			
11	(CABLE 4) WIRE 11	White		TP-10			
24	(CABLE 4) WIRE 24	White		TP-11			
12	(CABLE 4) WIRE 12	White		TP-11			
25	(CABLE 4) WIRE 25	White		TP-12			
13	(CABLE 4) WIRE 13	White		TP-12			

5

50F7

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6

0.400in [10.16mm] PIN

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**DIMENSIONS ARE IN** TOLERANCES: .XX ± .XXX ± ANGULAR ± °

4

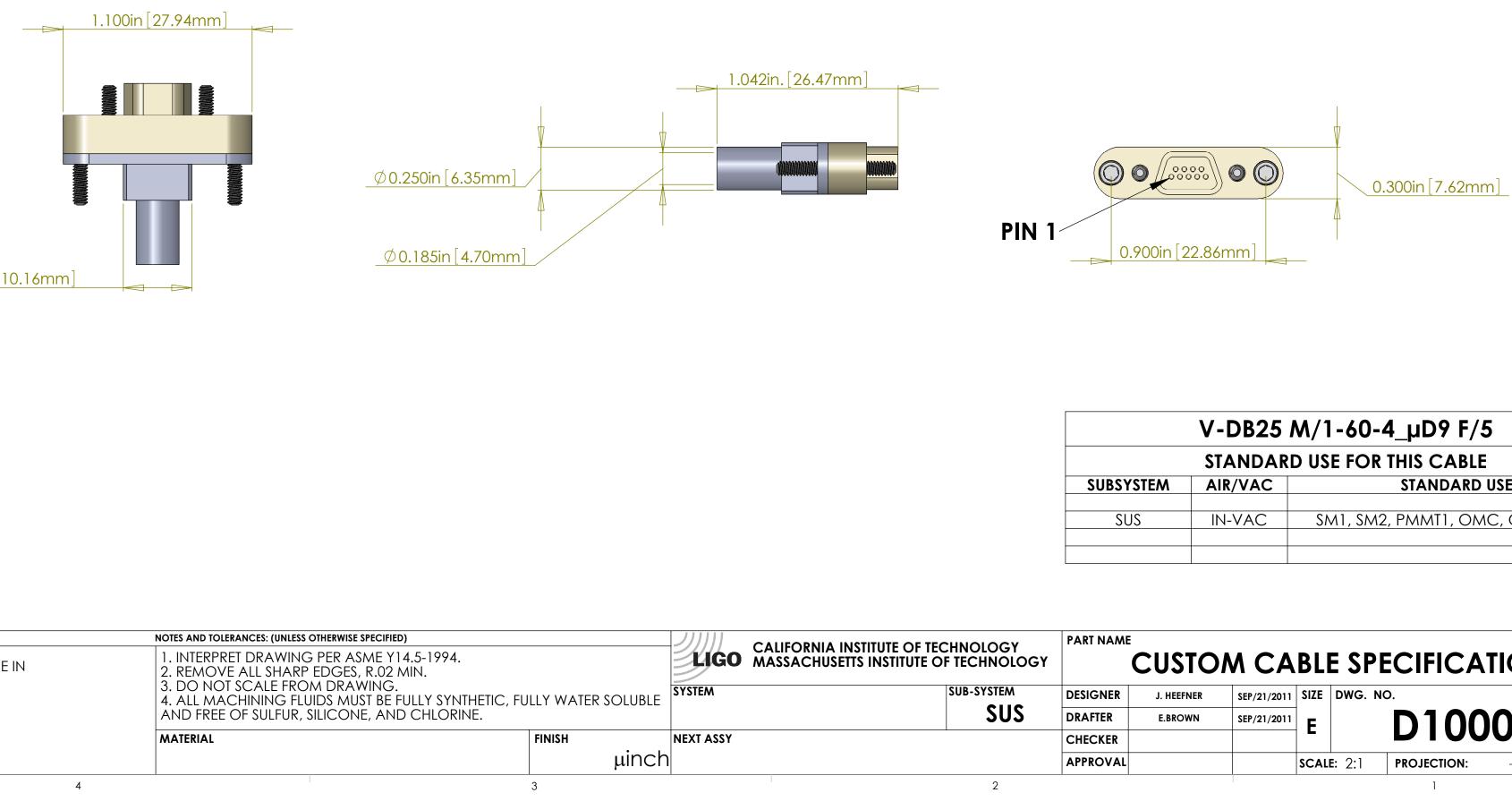
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	TC	)
CONI	NECTOR J2 - 9 PIN FEMALE	MICRO_D CONNECTOR (PEEK)
Pin	Wire Name	SIGNAL
5	(CABLE 1) SHIELD	SHIELD
5	(CABLE 1) WIRE 1	SHIELD
1	(CABLE 1) WIRE 14	PD-K
6	(CABLE 1) WIRE 2	PD-A
2	(CABLE 1) WIRE 15	LED-A
7	(CABLE 1) WIRE 3	LED-K
4	(CABLE 1) WIRE 16	FN COIL
9	(CABLE 1) WIRE 4	ST COIL

	το	
CONN	NECTOR J3 - 9 PIN FEMALE M	ICRO_D CONNECTOR (PEEK)
Pin	Wire Name	SIGNAL
5	(CABLE 2) SHIELD	SHIELD
5	(CABLE 2) WIRE 1	SHIELD
1	(CABLE 2) WIRE 17	PD-K
6	(CABLE 2) WIRE 5	PD-A
2	(CABLE 2) WIRE 18	LED-A
7	(CABLE 2) WIRE 6	LED-K
4	(CABLE 2) WIRE 19	FN COIL
9	(CABLE 2) WIRE 7	ST COIL

V25P CABLE ASSEMBLY CIRCUIT SUMMARY					
	TO				
CONN	ECTOR J4 - 9 PIN FEMALE N	ICRO_D CONNECTOR (PEEK)			
Pin	Wire Name	SIGNAL			
5	(CABLE 3) SHIELD	SHIELD			
5	(CABLE 3) WIRE 1	SHIELD			
1	(CABLE 3) WIRE 20	PD-K			
6	(CABLE 3) WIRE 8	PD-A			
2	(CABLE 3) WIRE 21	LED-A			
7	(CABLE 3) WIRE 9	LED-K			
4	(CABLE 3) WIRE 22	FN COIL			
9	(CABLE 3) WIRE 10	ST COIL			

V25	V25P CABLE ASSEMBLY CIRCUIT SUMMARY					
	ΤΟ					
CONN	CONNECTOR J5 - 9 PIN FEMALE MICRO_D CONNECTOR (PEEK)					
Pin	Wire Name	SIGNAL				
5	(CABLE 4) SHIELD	SHIELD				
5	(CABLE 4) WIRE 1	SHIELD				
1	(CABLE 4) WIRE 23	PD-K				
6	(CABLE 4) WIRE 11	PD-A				
2	(CABLE 4) WIRE 24	LED-A				
7	(CABLE 4) WIRE 12	LED-K				
4	(CABLE 4) WIRE 25	FN COIL				
9	(CABLE 4) WIRE 13	ST COIL				



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Έ	DCN #	DRAWING TREE #

	V-DB25 M/1-60-4_µD9 F/5				
	STANDARD USE FOR THIS CABLE				
	AIR/VAC	STANDARD USE			
+	IN-VAC	SM1, SM2, PMMT1, OMC, OSEMS ETC.			

В

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STO	M CA	BL	E SP	ECIFICA	TION V	25P	
EEFNER	SEP/21/2011	SIZE	DWG. I	NO.			REV.
ROWN	SEP/21/2011	E		D100	0229	-	<b>v2</b>
		SCAL	<b>E</b> : 2:1	PROJECTION:	$\bigoplus \left( - \right)$	SHEET	1 OF 1