

	В	SILL OF MATERIALS
ITEM NO.	PART NUMBER	DESCRIPTION
1	CUSTOM DB3 FEMALE	DB3 FEMALE CONNECTOR (J1) FOR UHV (PEEK)
2	CUSTOM BACKSHELL	DB3 CONNECTOR BACK SHELL (NO EARS) FOR UHV (STAINLESS)
3	94B8812	CRIMP PINS (J2, J3) HARTING # 09 15 000 6126 NEWARK # 94B8812
4	C1	2 COND. (2 WIRES + SHIELD) CABLE WITH ⑤ COPPER BRAID (SHIELD) AND ⑥ PEEK OVERBRAID
5	CONTINENTAL PART #24x3x40BC	COPPER BRAID - CONTINENTAL CORDAGE PART #24x3x40BC
٦	#6759	PEEK BRAID - PART #6759 MANUFACTURED WITH ZEUS 0.016" BLACK PEEK DRAWN MONOFILAMENT
$\overline{O}$	SPACER	3/16" SPACER 1/4" LENGTH 0.115" i.d.
(8)	GLENAIR # 600-052 or BAND-IT # A10086	GLENAIR # 600-052 STANDARD BRAID CLAMP or BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100" # A10089)

\* NOTE: THE OVERALL LENGTH IS MEASURED FROM PIN TIP (3 PIN) TO PIN TIP (CRIMP PINS) OF THE CABLE. THE OTHER MEASUREMENT IS SPACER TO PIN TIPS (CRIMP PINS). USE WHATEVER LENGTH IS NECESSARY FOR THE INTERNAL WIRING OF THE CONNECTORS AND STRIP LENGTH TO ACHIEVE THE CORRECT OVERALL LENGTHS.

NOTES: ( UNLESS OTHERWISE SPECIFIED )

A. MATERIAL: a. CONNECTOR SHELL - PEEK VICTREX 450GL30.

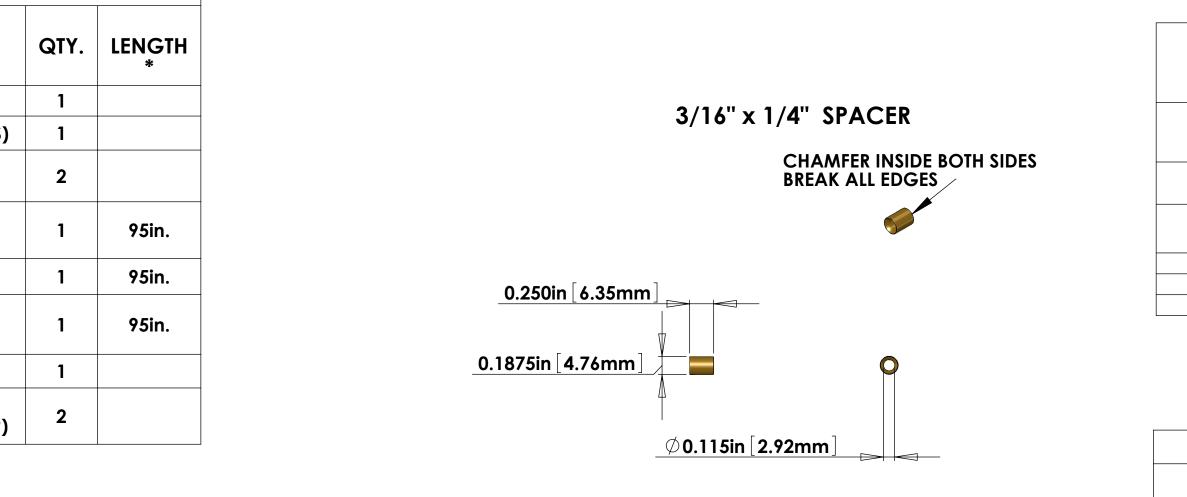
**b. BACKSHELL - STAINLESS STEEL WITH VENT HOLE.** c. CONTACTS - BERYLLIUM COPPER ALLOY C17300

- 0.000050 MIN. GOLD OVER NICKEL.
- d. HARDWARE: STAINLESS STEEL, PASSIVATED.
- e. PEEK BRAID PEEK VICTREX GRADE TDS-450CA30 CARBON LOADED SUPPLIED BY LIGO.

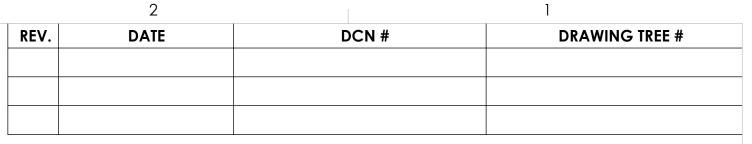
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B. CABLE 2 COND. 14 AWG, (STRANDED) WITH 2 LAYERS OF KAPTON TAPE. OVERALL 40AWG COPPER BRAID 50% COVERAGE - SUPPLIED BY LIGO. OVERALL PEEK BRAID MIN. 50% COVERAGE. OVERALL CABLE O.D. WILL BE 0.240 IN.

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



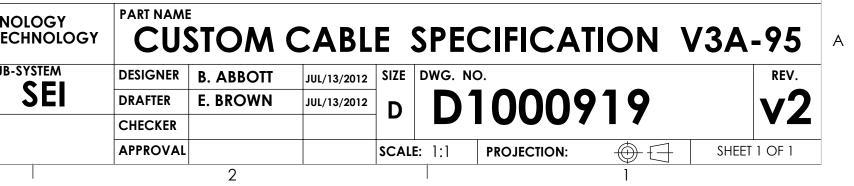
	NO	TES AND TOLERANCES: (UNLESS OTHERWISE SPE	CIFIED)		ノカリ	
DIMENSIONS ARE IN		1. INTERPRET DRAWING PER ASME 2. REMOVE ALL SHARP EDGES, .00 ALL EDGES APPROXIMATLEY R.02	5015. FOR MACHINED		LIGO	CALIFORNIA INSTITUTE OF TECHN MASSACHUSETTS INSTITUTE OF TE
TOLERANCES: .XX <u>+</u> .XXX <u>+</u>		3. DO NOT SCALE FROM DRAWIN 4. ALL MACHINING FLUIDS MUST B SOLUBLE AND FREE OF SULFUR, SIL	G. E FULLY SYNTHETIC, FULL	Y WATER	SYSTEM	SUB
	Μ	ATERIAL		FINISH	NEXT ASSY	
ANGULAR ± °		Material <not sp<="" td=""><td>pecified&gt;</td><td>µincł</td><td>ו</td><td></td></not>	pecified>	µincł	ו	
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## V3A-95 CABLE ASSEMBLY CIRCUIT SUMMARY V-DB3 F/S1-95-2 PIN-94B8812 M/X

CABLE NAME	WIRE NAME	WIRE SIZE	LENGTH	FROM	то
V3A-95					
	SHIELD	COPPER BRAID		J1 PIN 1	END OF CABLE
	W1	14 AWG	95in.	J1 PIN 2	J2
	W2	14AWG	95in.	J1 PIN 3	J3

v-DD	3 F/S1-95-2_PIN-9		
STANDARD USE FOR THIS CABLE			
SUBSYSTEM	AIR/VAC	STANDARD USE	
SEI	IN-VAC	ISI ACTUATOR	



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