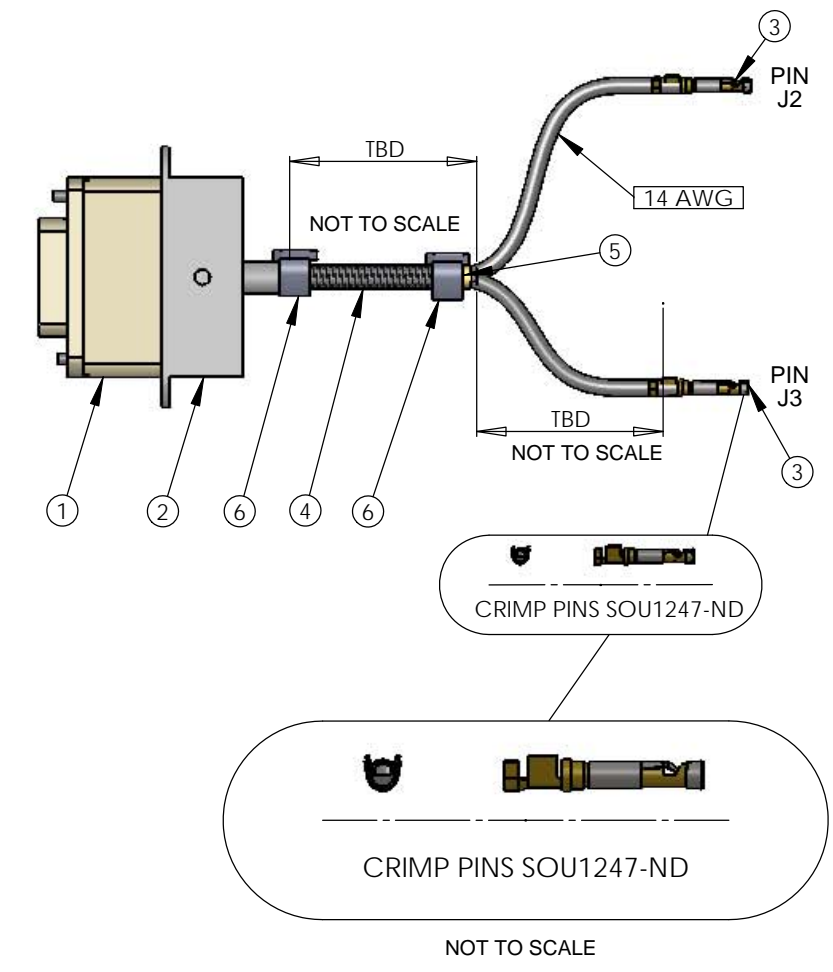


CONNECTOR J1

GLENAIR CLAMPING BANDS



PARTS LIST

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	LENGTH
1	CUSTOM DB3 FEMALE	DB3 FEMALE CONNECTOR (J1) FOR UHV (PEEK)	1	
2	CUSTOM BACKSHELL	DB3 CONNECTOR BACK SHELL FOR UHV (STAINLESS)	1	
3	SOU1247-ND	CRIMP PINS (J2, J3) SOU1247-ND	2	
4	C1	2 COND. (2 WIRES + SHIELD) CABLE WITH COPPER BRAID (SHIELD) AND PEEK OVERBRAID	1	TBD
5	SPACER	3/16" SPACER 1/4" LENGTH 0.115" i.d.	2	
6	GLENAIR 600-052	GLENAIR 600-052 STANDARD BRAID CLAMP (BAND - IT)	2	

**V3A CABLE ASSEMBLY CIRCUIT SUMMARY
V-DB25 F/1-40-DB25 F/S**

CABLE NAME	WIRE NAME	WIRE SIZE	LENGTH *	FROM	TO
V3A	SHIELD				
	W1	14 AWG	40in.	J1 PIN 1	J2
	W2	14AWG	40in.	J1 PIN 2	J3

NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATERIAL:**
 - CONNECTOR SHELL - PEEK VICTREX GRADE TDS-450G.
 - BACKSHELL - STAINLESS STEEL WITH VENT HOLE.
 - CONTACTS - BERYLLIUM COPPER ALLOW C17300 0.000050 MIN. GOLD OVER NICKEL
 - HARDWARE: CORROSION RESISTANCE STEEL, PASSIVATED
 - PEEK BRAID - PEEK VICTREX GRADE TDS-450CA30 CARBON FIBRE LOADED
- CABLE** 25 COND. 28 AWG, (40 STRD 44 AWG) WITH 2 LAYERS OF KAPTON TAPE 12 TWISTED PAIRS (4 TO 5 TWISTS PER INCH) + 1 WIRE
 OVERALL 40AWG SILVER PLATED COPPER BRAID 90% COVERAGE
 OVERALL PEEK BRAID MIN. 50% COVERAGE
 OVERALL CABLE O.D. WILL BE 0.240 IN.

STANDARD USE FOR THIS CABLE

SUBSYSTEM	AIR/VAC	STANDARD USE
SEI	IN-VAC	ISI ACTUATOR

DRAWN: E. BROWN		DATE: MAR/1/10	California Institute of Technology Massachusetts Institute of Technology
CHECKED:	ENG APPR:	MFG APPR:	
MATERIAL: --			CUSTOM CABLE SPECIFICATION V3A
FINISH: --			
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS		APPLICATION	
DO NOT SCALE DRAWING		SCALE: 1:1	
DWG. NO. D1000218-v1		REV.	
SCALE: 1:1		SHEET 1 OF 1	