

\* 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.

GLENAIR # 600-052 STANDARD BRAID CLAMP or BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100" # A10089)

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## NOTES: ( UNLESS OTHERWISE SPECIFIED )

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- a. CONNECTOR SHELL PEEK VICTREX 450GL30. A. MATERIAL:
  - b. BACKSHELL STAINLESS STEEL WITH VENT HOLE

GLENAIR # 600-052 or BAND-IT # A10086

- 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.
- 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.

	וווו	CALIFORNIA INSTITUTE OF TECHN		
IMENSIONS ARE IN	<ol> <li>INTERPRET DRAWING PER ASME Y14.5-1994.</li> <li>REMOVE ALL SHARP EDGES, .005015. FOR MACHINED F ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.</li> </ol>	LIGO	MASSACHUSETTS INSTITUTE OF TECHN	
OLERANCES: {X ± {XX ±	<ol> <li>DO NOT SCALE FROM DRAWING.</li> <li>ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.</li> </ol>	SYSTEM	SUE	
	MATERIAL	FINISH	NEXT ASSY	
NGULAR± °	Material <not specified=""></not>	µinch		
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REV.	DATE	DCN #	DRAWING TREE #

CABLE NAME	wire Name	WIRE SIZE	LENGTH	FROM	το
V3A-60					
	SHIELD	COPPER BRAID		J1 PIN 1	END OF CABLE
	W1	14 AWG	60in.	J1 PIN 2	J2
	W2	14AWG	60in.	J1 PIN 3	J3

V-DB3 F/S1-60-2 PIN-94B8812 M/X					
STANDARD USE FOR THIS CABLE					
SUBSYSTEM	AIR/VAC	STANDARD USE			
SEI	IN-VAC	FROM TABLE TO ISI ACTUATOR			
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nology Technolog		CUSTOM CABLE SPECIFICATION V3A-60							А	
SEI	DESIGNER	B. ABBOTT	JUN/05/2012	SIZE	DWG. NO	<b>)</b> .			REV.	
	DRAFTER	E. BROWN	JUN/05/2012	ח	<b>D1</b>	1001	51		12	
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	APPROVAL			SCAL	E: 1:1	PROJECTION:	$\bigcirc \square$	SHEET 1 C	DF 1	
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