

TEST	TEST LIST		TEST LIST		TEST	LIST	TEST LIST		
FROM	TO		FROM	TO	FROM	TO	FROM	TO	
J1	J2		J1	J3	J1	J4	J1	J5	
PIN	PIN		PIN	PIN	PIN	PIN	PIN	PIN	
SHELL N/C	N/C SHELL		SHELL N/C	N/C SHELL	SHELL N/C	N/C SHELL	SHELL N/C	N/C SHELL	
J1 - 13 J1 - 25 J1 - 12 J1 - 24	J2 - 1 J2 - 2 J2 - 3 J2 - 4		J1 - 11 J1 - 23 J1 - 10 J1 - 22	J3 - 1 J3 - 2 J3 - 3 J3 - 4	J1 - 9 J1 - 21 J1 - 8 J1 - 20	J4 - 1 J4 - 2 J4 - 3 J4 - 4	J1 - 7 J1 - 19 J1 - 6 J1 - 18	J5 - 1 J5 - 2 J5 - 3 J5 - 4	

V25AC-35-54-35-60 - V-DB25HD M/S1-35,54,35,60-MM4PINHD F/X								
STANDARD USE FOR THIS CABLE								
SUBSYSTEM	AIR/VAC	STANDARD USE						
ISC	IN-VAC	PICOMOTORS TABLE TO MOTORS						

0.565in [14.35mm]

SOCKET CONNECTOR GLENAIR # 803-001-06M6-4SN-598A (MATES WITH GLENAIR # 803-003-07M6-4PN-598A)

CONNECTOR J5 - 4 PIN SOCKET MIGHTY MOUSE CONNECTOR

CONNECTOR J4 - 4 PIN SOCKET MIGHTY MOUSE CONNECTOR

CONNECTOR J3 - 4 PIN SOCKET MIGHTY MOUSE CONNECTOR

TO

CONNECTOR J2 - 4 PIN SOCKET MIGHTY MOUSE CONNECTOR

SIGNAL

SIGNAL

PIN 1

PIN 2

FACE

WIRE NAME

WIRE NAME

WIRE NAME

WIRE NAME

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A. MATERIAL:

a. CONNECTOR SHELL - GOLD OVER ELECTRO-LESS NICKEL SELECTIVELY METALIZED PEEK VICTREX 450GL30.
b. BACKSHELL - STAINLESS STEEL WITH VENT HOLE.
c. CONTACTS - BERYLLIUM COPPER ALLOY C17300
0.000050 MIN. GOLD O

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

#4-40 Nitronic 60» HELICOIL 0.336" LENGTH

* NOTE: THE OVERALL LENGTH IS MEASURED FROM PIN TIP (25 PIN) TO PIN TIP (4 PIN) OF THE CABLE. USE WHATEVER LENGTH IS NECESSARY FOR THE INTERNAL WIRING OF THE CONNECTORS AND STRIP LENGTH TO ACHIEVE THE CORRECT OVERALL LENGTH.

GLENAIR # 600-052 or BAND-IT # A10086

HELICOIL #1185-04EN336

- d. Hardware: Stainless Steel, Passivated. e. Peek Braid Peek Victrex Grade TDS-450CA30 Carbon Loaded Supplied by Ligo.
- B. CABLE 4 COND. 22 AWG, (150/44), WITH PFA INSULATION COONER WIRE #CZ2205. OVERALL PEK BRAID MIN. 50% COVERAGE. OVERALL CABLE O.D. WILL BE APPOX. 0.200 IN.
- C. CONNECTORS WILL BE SUPPLIED WITH HARDWARE. SCREWS SHOULD BE THE PROPER LENGTH FOR MATING.

	NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	27/111	A INSTITUTE OF TECHNOLOGY	PART NAMI	E						
DIMENSIONS ARE IN		I. INTERPRET DRAINING PER ASME Y 14.5. 1994. PREMOVE ALL SHARP DEGES, 005. 015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATIEY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FEROM DRAINING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SUFURF. SLICOODE, AND OCH LORNO. AND CHE CORN.			CUSTOM CABLE SPECIFICATION V25AC-35-54-35-60						
TOLERANCES:	3. DO NOT SCALE FROM DRAWING.				DESIGNER	R. ABBOTT	MAY/04/2012	SIZE DWG. N	0.		REV.
.XX ± .XXX ±					DRAFTER	E. BROWN	MAY/04/2012	F D1	1015	15	v3
ANGULAR± *	MATERIAL	FINISH	NEXT ASSY		CHECKER			ו שן ין	1013	13	0.5
		μinc	h		APPROVAL			SCALE: 2:1	PROJECTION:	() (1)	SHEET 1 OF 1