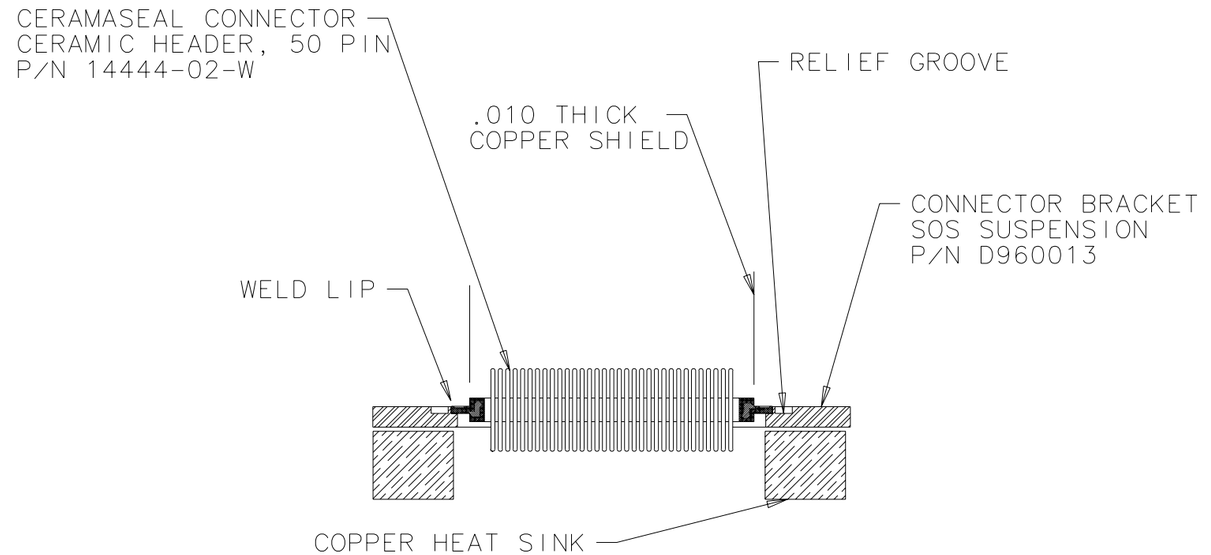
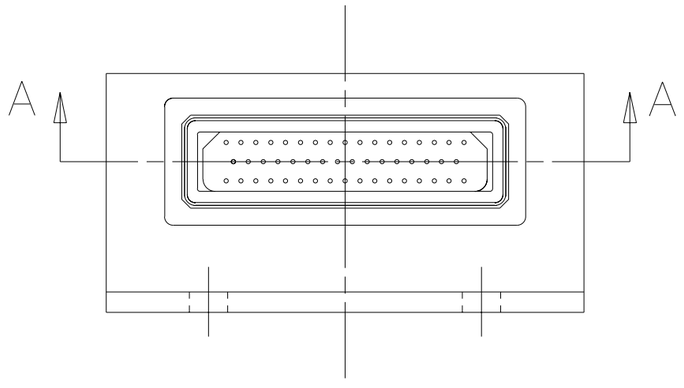
NOTES: (UNLESS OTHERWISE SPECIFIED)

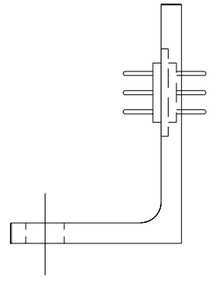
1. PARTS TO BE WELDED TOGETHER UTILIZING THE ELECTRON BEAM, LASER OR PULSED TIG PROCESS. IF UTILIZING THE PULSED TIG WELDING PROCESS THE TYPICAL WELD SETTINGS ARE:
   CURRENT SETTING - 15-20 AMPS.
   PULSE FREQUENCY - 400 Hz.
   YIELDED WELD CURRENT SHOULD BE LESS THAN 10 AMPS.
   A COPPER HEAT SINK SHOULD BE USED TO DRAW EXCESS HEAT AWAY FROM THE PIN SEAL AREAS.
   WELD TRAVEL SPEED SHOULD BE MAXIMIZED TO REDUCE HEAT INPUT.
   A COPPER SHIELD MAY BE USED TO PROTECT PINS AND SEALS.
   THE UNDERSIDE OF THE CONNECTOR MAY BE FLOODED WITH INERT GAS FOR EXTRA COOLING AND OXIDATION REDUCTION.

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	7-28-97	J.Hazel			E970121/INITIAL RELEASE



SECTION A-A





UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	CALIFORNIA INSTITUTE OF TECHNOLOGY / MASSACHUSETTS INSTITUTE OF TECHNOLOGY	LIGO PROJECT	
MATERIAL	DRWN	CONNECTOR BRACKET ASSEMBLY SOS SUSPENSION	
	CHK		
FINISH	SCALE: 1/1	DRAWING NUMBER D970084-A-D	SHEET 1 OF 1

/home/dcc/docs/D970084.pdf