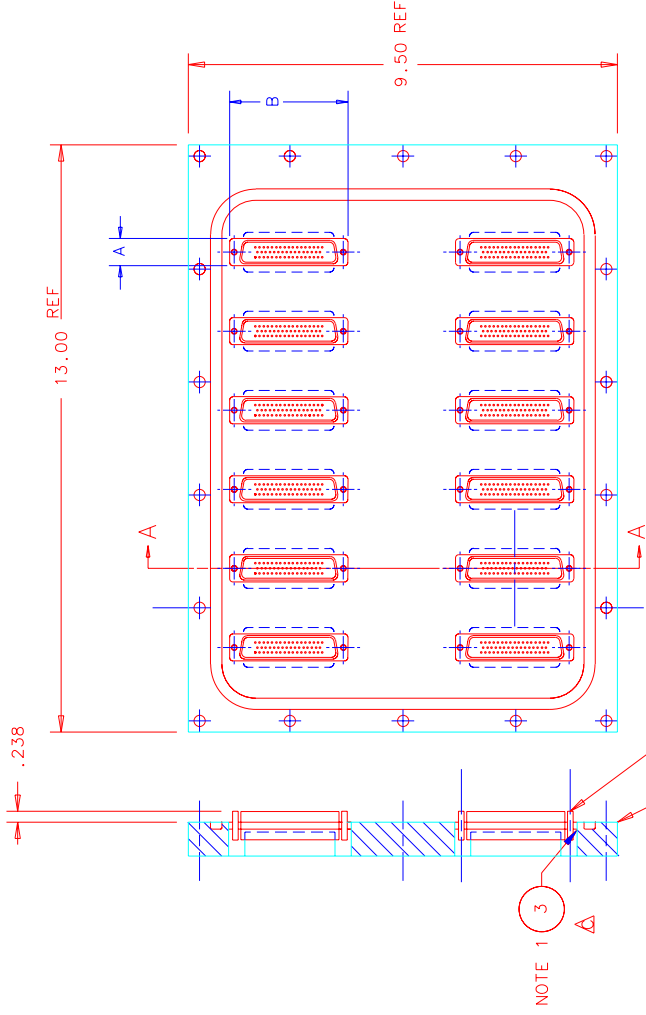


1 2 3 4

REV.	DESCRIPTION	DRAWN	DATE
A	WAS SOLDER RECTANGLE DIM. #MB-397001	REEDER	8-28-00
B	CONNECTOR CHART ADDED	C. NILA	8-28-00
C	ITEM #11 WAS ITEM #8 DET #3 WAS #281 SOLDER	REEDER	9-15-00
		C. NILA	9-15-00
		REEDER	11-21-00



CONNECTOR SIZE A

ITEM	DIM A	DIM B
31	.611	2.628
23	.612	2.627
18	.612	2.631
10	.612	2.633
11	.612	2.626
26	.612	2.629
25	.612	2.629
6	.612	2.629
7	.612	2.629
28	.612	2.629
7A	.612	2.630
32	.613	2.628

- 2: VACUUM LEAK TEST
NO LEAK SHALL BE DETECTABLE ON THE MOST SENSITIVE SCALE OF A HELIUM LEAK DETECTOR WITH A MINIMUM SENSITIVITY OF 10^{-9} ATM CC/SEC
- 1: BONDING PROCEDURE
- A: CLEAN BRASS PLATE AND SIDES OF CONNECTORS
- B: MIX 2 PART EPOXY THOROUGHLY BY WEIGHT OR VOLUME
- C: PLACE PLATE ON A FLAT SURFACE AND INSERT CONNECTORS. IF NECESSARY, PUT BLOCKS UNDER CONNECTORS TO SUPPORT THEM AT CORRECT HEIGHT
- D: APPLY EPOXY EVENLY TO BOTH SURFACES TO BE JOINED
- E: COAT THE INNER SURFACE AROUND THE PINS WITH KL5 SEALANT. SEALANT SHOULD COAT THE GLASS SLEEVES. DO NOT ALLOW SEALANT TO GET ON PINS

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
3	COML	3M SCOTCH WELD EPOXY ADHESIVE #1838 B/A GREEN 2 PART	AS REQ'D
2	COML	HERMETIC D-SUB THROUGH BULKHEAD DETRONICS #DR7BHS-509-720-LOCKPOST FURNISHED BY FERMLAB	12
1	MC-397171	CONNECTOR HOLDER	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	APPROVED	USED ON
.XX	R. SCHMITT	R. SCHMITT	ME-384956 ITEM 11 A
± .02	REEDER	REEDER	
± .005	C. NILA	C. NILA	
± .xxx	R. SCHMITT	R. SCHMITT	

FERMI NATIONAL ACCELERATOR LABORATORY
 UNITED STATES DEPARTMENT OF ENERGY

PPD/MECHANICAL SUPPORT
 CDMS BREAKOUT BOX
 CONNECTOR HOLDER SUB ASSY "C"

SCALE 1/2
 DRAWING NUMBER 9213.300-MC-397174
 SHEET NO. 1 OF 1
 REV. C

1 2 3 4 h1dc.dwg