

REV.	DESCRIPTION	DRAWN	DATE
A	CHANGED WIRE COLOR SEQUENCE	N. CADENA	4/28/00
B	MINOR REVISIONS.	R. L. S.	4-28-00
		V. I. C. M.	2/20/00

TOUCH POSITION TEMPERATURE

CONN. A - PIN 6 CONN. L - PIN 19	L126* L128*	ZS. 300.F. FRIDGE TOP ZS. 300.F. FRIDGE BOTTOM	L164* L164* L164*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L164* L164* L164*	CONN. L - PIN 1 CONN. L - PIN 14 CONN. L - PIN 22 CONN. L - PIN 15	L168* L168* L168* L168*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L168* L168* L168* L168*
CONN. A - PIN 17 CONN. A - PIN 18 CONN. A - PIN 5	L158* L158* L158*	ZS. 10.F. CAN TOP ZS. 10.F. CAN BOTTOM	L114* L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L114* L114* L114*	CONN. L - PIN 3 CONN. L - PIN 4 CONN. L - PIN 17 CONN. L - PIN 18	L115* L115* L115* L115*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L115* L115* L115* L115*
CONN. A - PIN 3 CONN. A - PIN 16	L164* L164*	ZS. 10.F. FRIDGE TOP ZS. 10.F. FRIDGE BOTTOM	L164* L164*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L164* L164*	CONN. L - PIN 5 CONN. L - PIN 18 CONN. L - PIN 22 CONN. L - PIN 19	L126* L126* L126* L126*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L126* L126* L126* L126*
CONN. A - PIN 1 CONN. A - PIN 2 CONN. A - PIN 14	L164* L164* L164*	ZS. 10.F. CAN TOP ZS. 10.F. CAN EAST ZS. 10.F. CAN BOTTOM	L114* L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN EAST TE. 10.F. CAN BOTTOM	L114* L114* L114*	CONN. L - PIN 7 CONN. L - PIN 8 CONN. L - PIN 21 CONN. L - PIN 8 CONN. L - PIN 21 CONN. L - PIN 22 CONN. L - PIN 23	L162* L162* L162* L162* L162* L162* L162*	TE. 10.F. CAN TOP TE. 10.F. CAN EAST TE. 10.F. CAN BOTTOM	L162* L162* L162* L162* L162* L162* L162*
CONN. C - PIN 6 CONN. C - PIN 19	L125* L125*	ZS. 10.F. FRIDGE TOP ZS. 10.F. FRIDGE BOTTOM	L164* L164*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L164* L164*	CONN. L - PIN 9 CONN. L - PIN 22 CONN. L - PIN 22 CONN. L - PIN 23	L162* L162* L162* L162*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L162* L162* L162* L162*
CONN. C - PIN 17 CONN. C - PIN 18 CONN. C - PIN 5	L154* L154* L154*	ZS. 10.F. CAN TOP ZS. 10.F. CAN EAST ZS. 10.F. CAN BOTTOM	L114* L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN EAST TE. 10.F. CAN BOTTOM	L114* L114* L114*	CONN. D - PIN 3 CONN. D - PIN 4 CONN. D - PIN 17 CONN. D - PIN 18 CONN. D - PIN 21 CONN. D - PIN 22 CONN. D - PIN 23	L162* L162* L162* L162* L162* L162* L162*	TE. 10.F. CAN TOP TE. 10.F. CAN EAST TE. 10.F. CAN BOTTOM	L162* L162* L162* L162* L162* L162* L162*
CONN. C - PIN 3 CONN. C - PIN 16	L169* L169*	ZS. 10.F. CAN TOP ZS. 10.F. CAN BOTTOM	L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L114* L114*	CONN. M - PIN 9 CONN. M - PIN 18 CONN. M - PIN 18 CONN. M - PIN 18	L162* L162* L162* L162*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L162* L162* L162* L162*
CONN. H - PIN 2 CONN. H - PIN 15	L121* L121*	ZS. 300.F. FRIDGE TOP ZS. 300.F. FRIDGE BOTTOM	L164* L164*	TE. 300.F. FRIDGE TOP TE. 300.F. FRIDGE BOTTOM	L164* L164*	CONN. G - PIN 3 CONN. G - PIN 18 CONN. G - PIN 18 CONN. G - PIN 18	L155* L155* L155* L155*	TE. 300.F. FRIDGE TOP TE. 300.F. FRIDGE BOTTOM	L155* L155* L155* L155*
CONN. H - PIN 1 CONN. H - PIN 14	L155* L155*	ZS. 10.F. CAN TOP ZS. 10.F. CAN BOTTOM	L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L114* L114*	CONN. O - PIN 1 CONN. O - PIN 12 CONN. O - PIN 12 CONN. O - PIN 12	L171* L171* L171* L171*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L171* L171* L171* L171*
CONN. K - PIN 25 CONN. K - PIN 24	L117* L117*	ZS. 50.F. FRIDGE TOP ZS. 50.F. FRIDGE BOTTOM	L159* L159*	TE. 50.F. FRIDGE TOP TE. 50.F. FRIDGE BOTTOM	L159* L159*	CONN. J - PIN 11 CONN. J - PIN 24 CONN. J - PIN 24 CONN. J - PIN 24	L155* L155* L155* L155*	TE. 50.F. FRIDGE TOP TE. 50.F. FRIDGE BOTTOM	L155* L155* L155* L155*
CONN. K - PIN 11 CONN. K - PIN 15	L159* L159*	ZS. 10.F. FRIDGE TOP ZS. 10.F. FRIDGE BOTTOM	L114* L114*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L114* L114*	CONN. J - PIN 9 CONN. J - PIN 22 CONN. J - PIN 23 CONN. J - PIN 23	L155* L155* L155* L155*	TE. 10.F. FRIDGE TOP TE. 10.F. FRIDGE BOTTOM	L155* L155* L155* L155*
CONN. M - PIN 1 CONN. M - PIN 14	L162* L162*	ZS. 10.F. CAN TOP ZS. 10.F. CAN BOTTOM	L114* L114*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L114* L114*	CONN. J - PIN 3 CONN. J - PIN 6 CONN. J - PIN 6 CONN. J - PIN 6	L159* L159* L159* L159*	TE. 10.F. CAN TOP TE. 10.F. CAN BOTTOM	L159* L159* L159* L159*

WIRE COLOR SEQUENCE:
 RED
 BLUE
 GREEN
 BROWN

INSTRUMENT TYPES:
 ZS- TOUCH SENSOR
 ZE- POTENTIOMETER
 TE- TEMPERATURE ELEMENT

Plotted by enilo on 15-Aug-2001, File: 38449701.A.pff

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY.	REQ.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ORIGINATOR				
1	XX	ANGLES	R. L. SCHMITT	JANOO
2	XX	±	VIC MAJANSKI	21JANOO
APPROVED				
R. L. SCHMITT				
R. L. SCHMITT				
1- BREAK ALL SHARP EDGES				
2- DRILL HOLES PER DIMENSIONS				
3- DRILL HOLES PER DIMENSIONS				
4- INCLUDE DIMENSIONS ARE IN INCHES				
MATERIAL				
✓ MAX. ALL MACHINED SURFACES				
FERMI NATIONAL ACCELERATOR LABORATORY				
UNITED STATES DEPARTMENT OF ENERGY				
PPD/MECHANICAL SUPPORT				
CDWS - ICEBOX WIRING				
TOUCH SENSOR WIRING				
SCALE	DRAWING NUMBER	SHEET NO.	REV.	
NONE	9213-300-MD-384497	1	OF 1	B