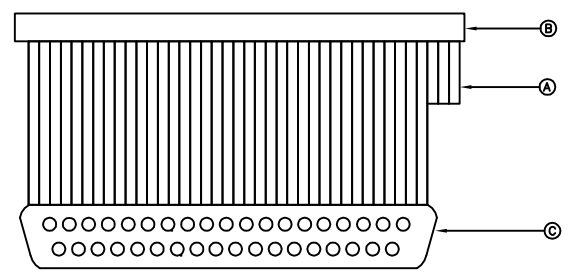
REV.	DESCRIPTION	DRAWN	DATE
		APP'D.	DATE

CDMS ChIPS INTERNAL WIRING DIAGRAMS

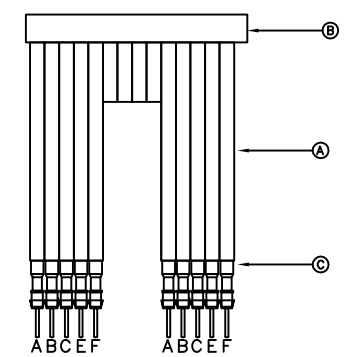
1. PCI to ChIPS CONTROL CABLE: 1 each
   A 40 Conductor Flat to Round Ribbon Cable
   B 40Contact Wiremount Socket Connector. 3M 3417-6600
   C Connector: 37 Pin 'D' Connector, Chassis Mount. AMP 747306-1
   D Signal: 5V DC.
   E Length: 4'



J1: ELECTRONICS MODULE CONNECTOR

J1: CHASSIS BACKPLANE CONNECTOR

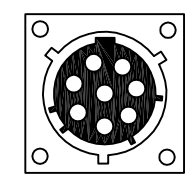
2. Power Supply Interface Cable: 4 each
   A 14 Conductor Flat to Round Ribbon Cable
   B 14 Contact Wiremount Socket Connector. 3M 3385-6600
   C Burndy Crimp Pin (x10) RM20DM13 D28
   D Signal: 5V DC.
   E Length: 4'



J2(6,10,14) J3(7,11,15)

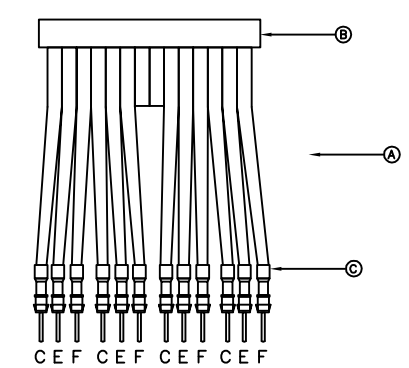
J2(4,5,7): ELECTRONICS MODULE CONNECTOR

CHASSIS BACKPANEL CONNECTORS



BURNDY GOB1288 PNE

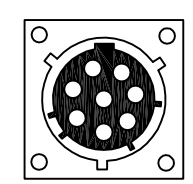
3. FAN BOX INTERFACE Cable: 4 each
   A 14 Conductor Flat to Round Ribbon Cable
   B 14 Contact Wiremount Socket Connector. 3M 3385-6600
   C Burndy Crimp Pin (x12) RM20DM13 D28
   D Signal: 5V DC.
   E Length: 4'



J4(12) J5(13) J8(16) J9(17)

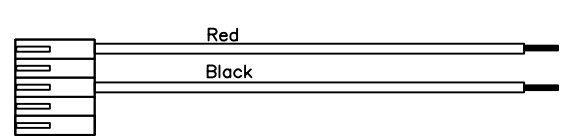
J3(6): ELECTRONICS MODULE CONNECTORS

CHASSIS BACKPANEL CONNECTORS



BURNDY GOB1288 PNE

4. DC POWER Cable Assy:
   A 18 AWG WIRE, Red and Black
   B Solder Connection
   C Molex Connector, 5 Pin: 09-50-3051
     w/ 312-939-2438 socket connector
   D 5 Volt DC Power
   E Length: 8'



NOTE: THIS INFORMATION RELATES TO
DRAWINGS #XXXX-EE-387XXXX-X

ORIGINATOR	V. JOHNSON	5/29/98	CHECKED		
DRAWN	N. CUNY	5/29/98	APPROVED		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

PPD/ETT/ES-CDMS (E891)
CDMS P.S. INTERFACE CHASSIS
WIRING DIAGRAM

SCALE	SOFTWARE	DRAWING NUMBER	REV.
NONE	AUTOCAD	0000-EE-387425-2	