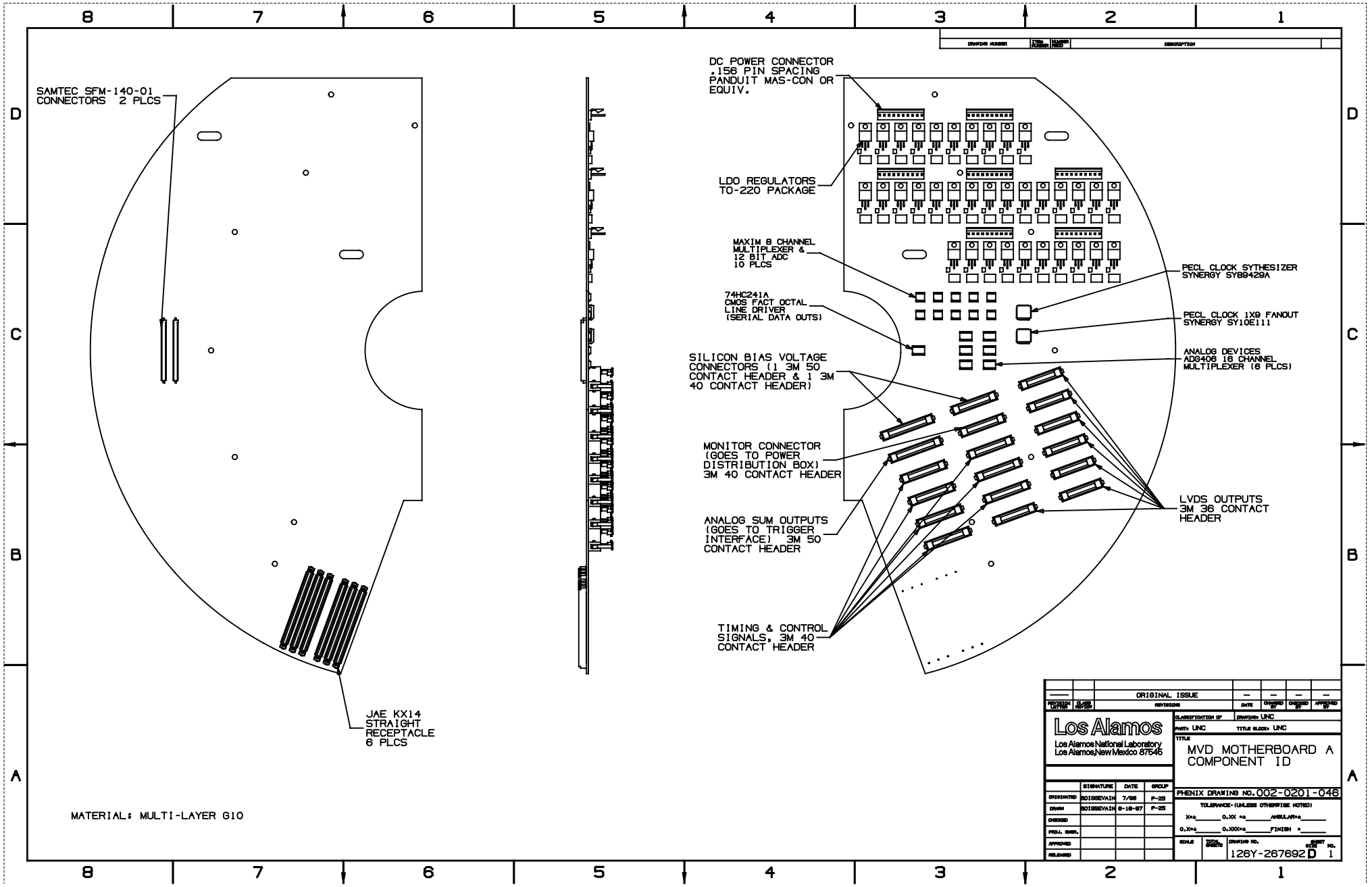
SAMTEC SFM-140-01
CONNECTORS 2 PLCS
JAE KX14
STRAIGHT
RECEPTACLE
6 PLCS
DC POWER CONNECTOR
.156 PIN SPACING
PANDUIT MAS-CON OR
EQUIV.
LDO REGULATORS
TO-220 PACKAGE
MAXIM 8 CHANNEL
MULTIPLEXER &
12 BIT ADC
10 PLCS
74HC241A
CMOS FACT OCTAL
LINE DRIVER
(SERIAL DATA OUTS)
SILICON BIAS VOLTAGE
CONNECTORS (1 3M 50
CONTACT HEADER & 1 3M
40 CONTACT HEADER)
MONITOR CONNECTOR
(GOES TO POWER
DISTRIBUTION BOX)
3M 40 CONTACT HEADER
ANALOG SUM OUTPUTS
(GOES TO TRIGGER
INTERFACE) 3M 50
CONTACT HEADER
TIMING & CONTROL
SIGNALS, 3M 40
CONTACT HEADER
PECL CLOCK SYTHESIZER
SYNERGY SY89429A
PECL CLOCK 1X9 FANOUT
SYNERGY SY10E111
ANALOG DEVICES
ADG406 16 CHANNEL
MULTIPLEXER (6 PLCS)
LVDS OUTPUTS
3M 36 CONTACT
HEADER
MATERIAL: MULTI-LAYER G10
ORIGINAL ISSUE
REVISIONS
Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545
CLASSIFICATION OF
DRAWING: UNC
PART: UNC
TITLE BLOCK: UNC
TITLE
MVD MOTHERBOARD A
COMPONENT ID
SIGNATURE
DATE
GROUP
ORIGINATED
BOISSEVAIN
7/98
P-25
DRAWN
BOISSEVAIN
6-18-97
P-25
CHECKED
PROJ. ENGR.
APPROVED
RELEASED
PHENIX DRAWING NO. 002-0201-046
TOLERANCE-(UNLESS OTHERWISE NOTED)
X=±
0.XX=±
ANGULAR=±
0.X=±
0.XXX=±
FINISH =
SCALE
TOTAL SHEETS
DRAWING NO.
126Y-267692
SHEET SIZE
D
NO.
1