PRODUCT No.	ROWS	POWER					SIGNAL											POWER			
		E2	P8	P7	P6	P5	P4	12 11 10 9 8 7 6 5 4 3 2 1								P3	P2	P1	E1
51784-002__ NOTE: ③	D C B A	HA	PA	PA	PA	PD	PD	E E E X X X X X X X X X / E E E X X X X X X X X X X / E E E X X X X X X X X X X / E E E X X X X X X X X X X								PD	PD	PA	HA

3.601 REF
[91.47]

0.100 REF TYP
[2.54]

3.900±0.010
[99.06±0.25]

3.550 REF
[90.17]

0.250 2X
[6.35]

2.550 REF
[64.77]

0.500
[12.70]

0.470
[11.94]

C ◄

B ◄

A ◄

C ◄

B ◄

A ◄

0.300 2X
[7.62]

0.475 REF
[12.07]

0.100 11X
[2.54]

1.275 REF
[32.39]

0.200 REF
[5.08]

3.275 REF
[83.19]
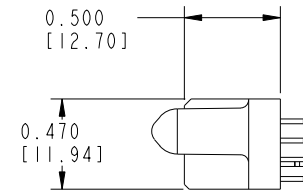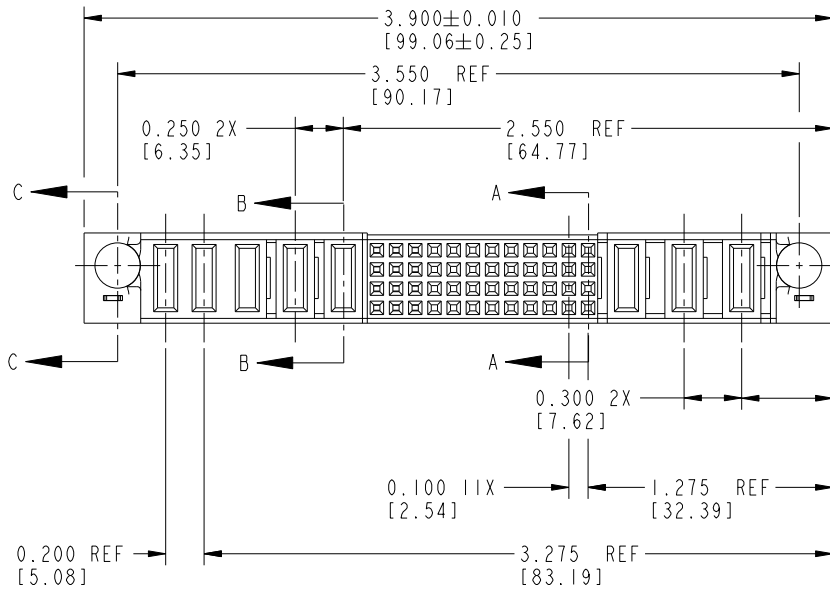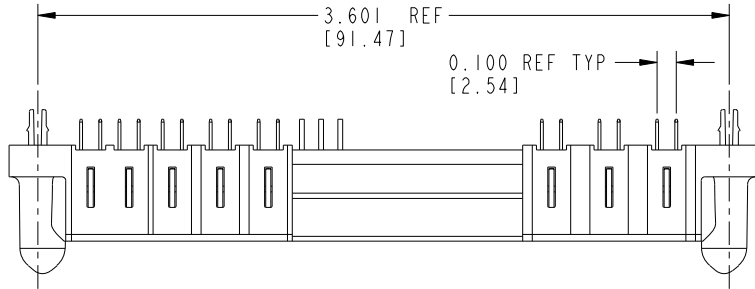
CODE	DIM "M" ±.010 [0.25]	CONTACT TYPE
PA	0.042 [1.07]	POWER
PD	0.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN
E	N/A [N/A]	SIGNAL
X	OMITTED	OMITTED

mat'l code   SEE NOTES

ltr	ecn no.	dr	date
A	V12259	JRW	9/28/01
B	DG05-0217	SJ	07/11/05
C	DG08-0251	W D	09/15/08

tolerances unless otherwise specified
.XX±.01/0.X±0.3
linear .XXX±.005/0.XX±0.13
.XXXX±.0020/.XXX±.051
angles 0°±2°

dr	J. WITMER	9/28/01
engr	J. ALLISON	9/28/01
chr	J. ALLISON	9/28/01
appd	J. ALLISON	9/28/01

sheet index	revision	C	C	C
	sheet	1	2	3

CUSTOMER COPY

projection ⊕ ◁

INCH/MM

scale 1:1

Pro/E

PDM: Rev:C   STATUS: **Released**   Printed: Sep 21, 2008

PRODUCT NUMBER

51784-002__
NOTE: ③

0.135±0.010
[3.43±0.25]

0.007 REF TYP
[0.18]

0.100 REF TYP
[2.54]

0.054 REF
[1.36]

SECTION A-A

DIM "M"±0.010
[±0.25]

0.135±0.010
[3.43±0.25]

0.025 REF TYP
[0.64]

0.054 REF
[1.36]

0.100 REF TYP
[2.54]

SECTION B-B

0.670 REF
[17.02]

0.130
[3.30]

0.300 REF
[7.62]

0.185
[4.70]

SECTION C-C

MECHANICAL
CONNECTOR
STAY-AWAY
ZONE

3.930
[99.82]

3.600
[91.44]

0.100 5X
[2.54]

0.100 3X
[2.54]

Ø0.040±0.003 TYP
[1.02±0.07]

Ø0.098 +0.002 -0.001 2X
[2.49 +0.05 -0.02]

0.077
[1.96]

PCB EDGE

0.205
[5.21]

0.300 2X
[7.62]

0.165
[4.19]

0.100 3X
[2.54]

0.610
[15.49]

0.100 2X
[2.54]

2.025
[51.44]

0.275
[6.99]

0.250 2X
[6.35]

2.350
[59.69]

0.200
[5.08]

3.075
[78.11]
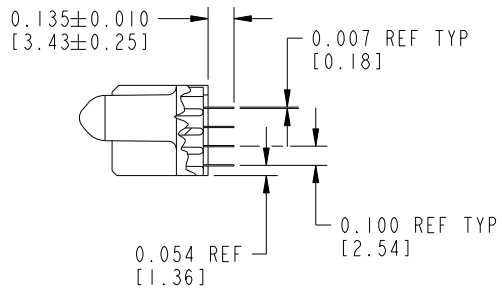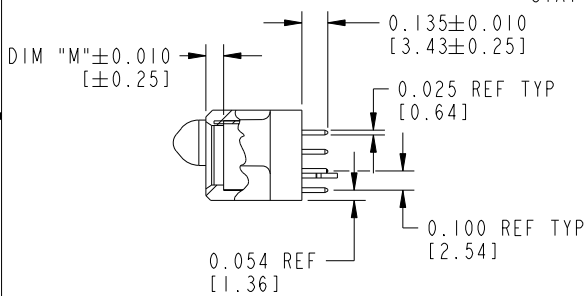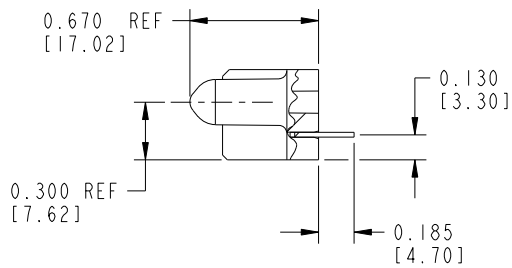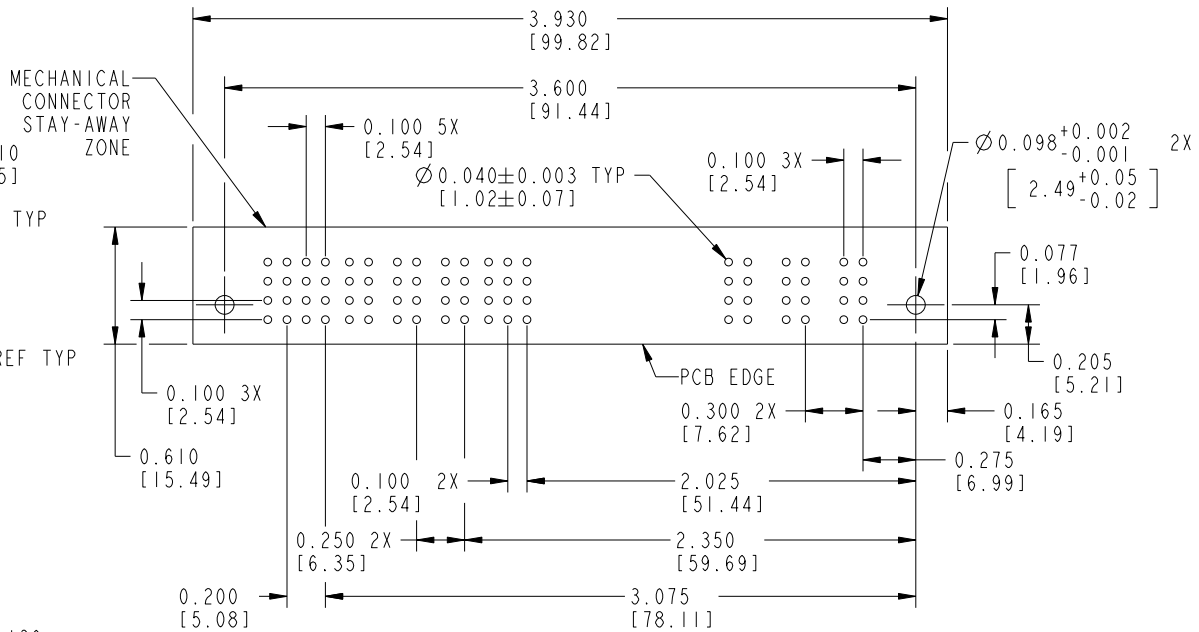
RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTES		tolerances unless otherwise specified	CUSTOMER	FCI	
ltr	ecn no.	dr	date	.XX±.01/0.X±0.3	COPY	www.fciconnect.com	
c				linear	.XXX±.005/0.XX±0.13	projection	title 3ACP + 48S + 5P VERTICAL SOLDERTAIL RECEPTACLE
				.XXXX±.0020/.XXX±.051			
				angles	0°±2°		product family PwrBlade	code 213
				dr	J. WITMER	9/28/01	INCH/MM	size A	dwg no 51784-002	sheet 2
				engr	J. ALLISON	9/28/01			
				chr	J. ALLISON	9/28/01	scale 1:1		
				appd	J. ALLISON	9/28/01			
sheet index	revision						
	sheet						

Pro/E

cage code 22526

PRODUCT NUMBER

51784-002__
    NOTE: ③

CONNECTOR NOTES:
1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
   POWER CONTACT MATERIAL: COPPER ALLOY
   SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51784-002 AND 51784-002LF RESPECTIVELY.

4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:
5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE

8. ∅0.098 THROUGH HOLES ARE UNPLATED.

9. ∅0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
   0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
   PLATING TO ACHIEVE A ∅0.040 HOLE.

10. A ⚠C SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
    WITH THE CURRENT DRAWING REVISION.

CONFIDENTIAL

mat'l code				tolerances unless otherwise specified	CUSTOMER			
ltr	ecn no.	dr	date		COPY		www.fciconnect.com	
c				linear	.XX±.01/0.X±0.3	projection	title	
					.XXX±.005/0.XX±0.13		3ACP + 48S + 5P	
					.XXXX±.0020/.XXX±.051		VERTICAL SOLDERTAIL RECEPTACLE	
				angles	0°±2°			
						INCH/MM	product family	PwrBlade	code
	dr	J. WITMER	9/28/01					213
	engr	J. ALLISON	9/28/01				size	dwg no	
	chr	J. ALLISON	9/28/01		scale		A	51784-002	sheet
	appd	J. ALLISON	9/28/01		1:1			3
sheet index	revision							
	sheet							

Pro/E

cage code