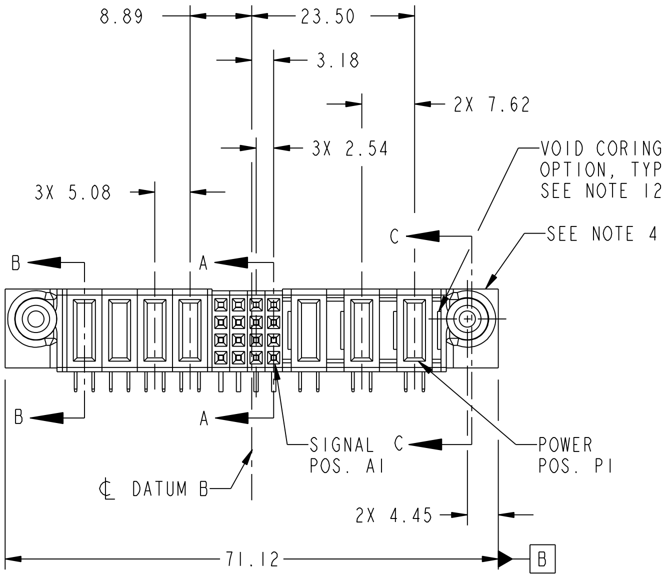
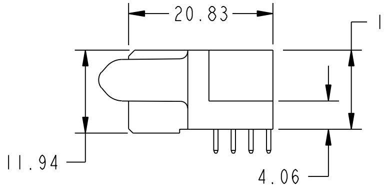
PRODUCT NO.	ROWS	E2	POWER				SIGNAL				POWER			E1
			P7	P6	P5	P4	4	3	2	1	P3	P2	P1	
51915-184__ NOTE 3	D C B A		PC	PC	PC	PC	H G F E	H G F E	H G F E	H G F E	PC	PA	PC	





CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[2.34]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
PA	[1.07]	POWER

mat'l code SEE NOTE 2

ltr	ecn no.	dr	date
A	DG09-0008	WD	01/12/09

tolerances unless otherwise specified

linear	0.X ±0.5	
	0.XX ±0.25	
	0.XXX ±0.1	
angles	0° ±2°	
dr	Warren Du	12/02/08
engr	Warren Du	12/02/08
chr	Gary Hsieh	12/02/08
appd	Joseph Hsia	12/02/08

CUSTOMER COPY

projection

MM

scale 1:1

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title 3ACP + 16S + 4P
R/A SOLDER RECEPTACLE

product family PwrBlade
code 213
size A
dwg no 51915-184
sheet 1 of 4

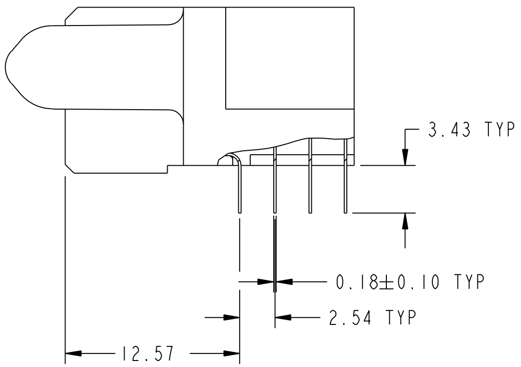
sheet index	1	2	3	4
revision sheet	A	A	A	A

cage code 22526

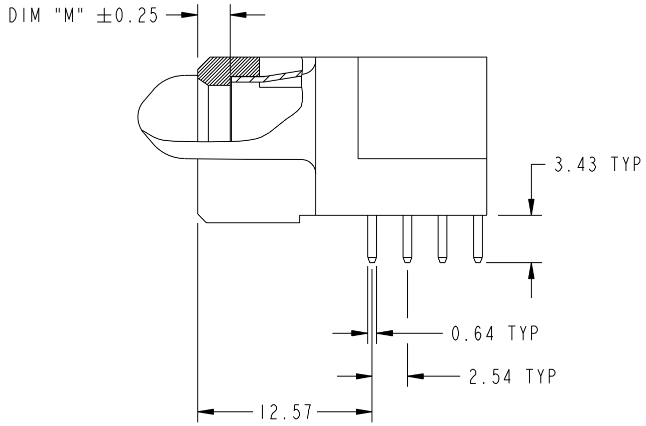
Pro/E

eDOC - **PDM: Rev:A** STATUS: **Released** Printed: Apr 11, 2011

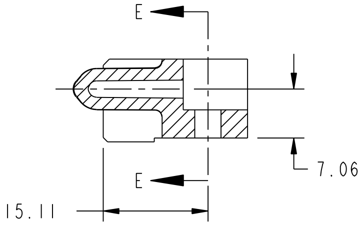
PRODUCT NUMBER
51915-184__ NOTE 3



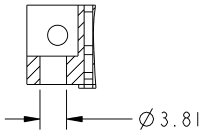
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code	SEE NOTE 2	tolerances unless otherwise specified		CUSTOMER
ltr	ecn no.	dr	date	COPY
A				

	tolerances	
linear	0.X ±0.5	
	0.XX ±0.25	
	0.XXX ±0.1	
angles	0° ±2°	
dr	Warren Du	12/02/08
engr	Warren Du	12/02/08
chr	Gary Hsieh	12/02/08
appd	Joseph Hsia	12/02/08

projection
MM
scale 1:1

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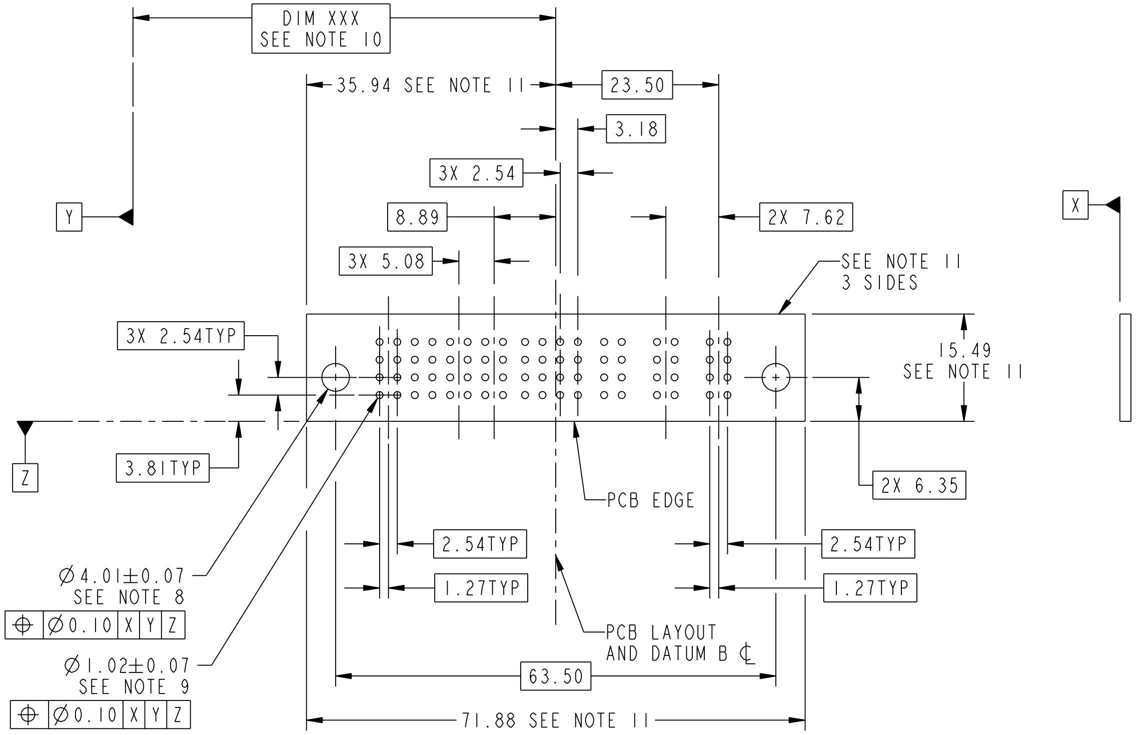
title	3ACP + 16S + 4P R/A SOLDER RECEPTACLE
product family	PwrBlade
code	213
size	A
dwg no	51915-184
sheet	2 of 4
sheet index	
revision sheet	
cage code	22526

Pro/E

PRODUCT NUMBER
51915-184__ NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code	SEE NOTE	tolerances unless otherwise specified		CUSTOMER COPY

ltr	ecn no.	dr	date
A			

sheet index	revision sheet

linear	0.X	±0.5
	0.XX	±0.25
	0.XXX	±0.1
angles	0°	±2°
dr	Warren Du	12/02/08
engr	Warren Du	12/02/08
chr	Gary Hsieh	12/02/08
appd	Joseph Hsia	12/02/08

projection

MM

scale 1:1

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title 3ACP + 16S + 4P
R/A SOLDER RECEPTACLE

product family	PwrBlade	code 213
size A	dwg no 51915-184	sheet 3 of 4

cage code 22526

Pro/E

PRODUCT NUMBER
51915-184__ NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51915-184 AND 51915-184LF RESPECTIVELY.

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ Ø1.151±0.025 DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE Ø1.02±.07 HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY	
A					0.XX ±0.25	projection	title 3ACP + 16S + 4P R/A SOLDER RECEPTACLE
					0.XXX ±0.1		
				angles	0° ±2°		
				dr	Warren Du 12/02/08	MM	product family PwrBlade; code 213
				engr	Warren Du 12/02/08		size A; dwg no 51915-184
				chr	Gary Hsieh 12/02/08	scale 1:1	sheet 4 of 4
				appd	Joseph Hsia 12/02/08		
sheet index	revision sheet						

Pro/E

cage code 22526