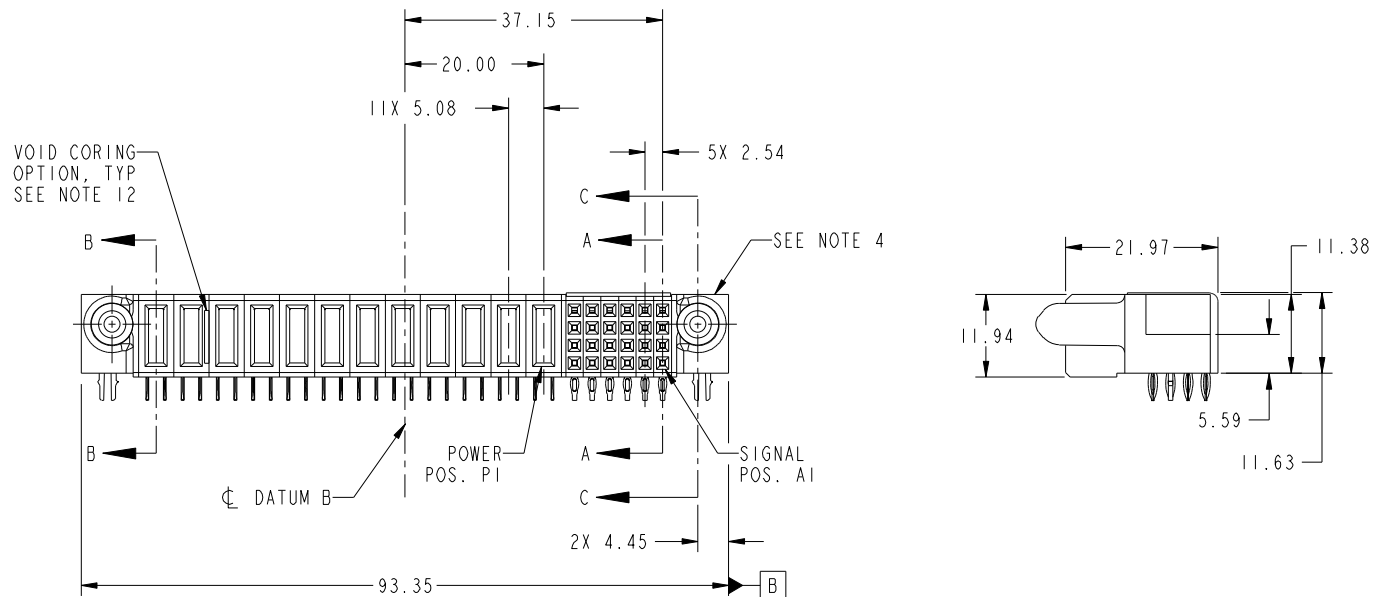


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PRODUCT NO.	ROWS	POWER												SIGNAL					E1
		E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	4	3	2	1	
51915-191-- NOTE 3	D C B A		PF	PF	PF	PF	PF	PF	PE	PE	PE	PE	PE	PE	S	S	S	S	
			P	P	P	P	P	P	P	P	P	P	P	P	R	R	R	R	
			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
S	[N/A]	SIGNAL
R	[N/A]	SIGNAL
P	[N/A]	SIGNAL
N	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
PE	[1.07]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG09-0357	WD	11/14/09	angles	0.XX ±0.25	projection		title	
					0.XXX ±0.1			24S + 12P	
					0° ±2°			R/A PF RECEPTACLE	
				dr	Warren Du 01/16/09			product family	PwrBlade
				enrg	Warren Du 01/16/09			size	dwg no
				chr	Gary Hsieh 01/16/09			A	51915-191
				appd	Joseph Hsia 01/16/09			code	213
sheet	revision	A	A	A	A	scale	1:1	sheet	1 of 4
index	sheet	1	2	3	4				

Pro/E

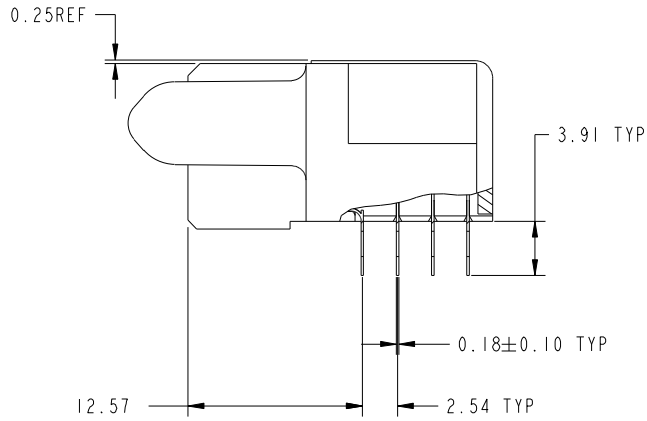
cage code 22526

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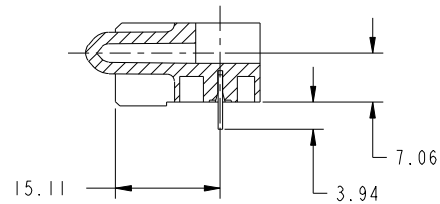


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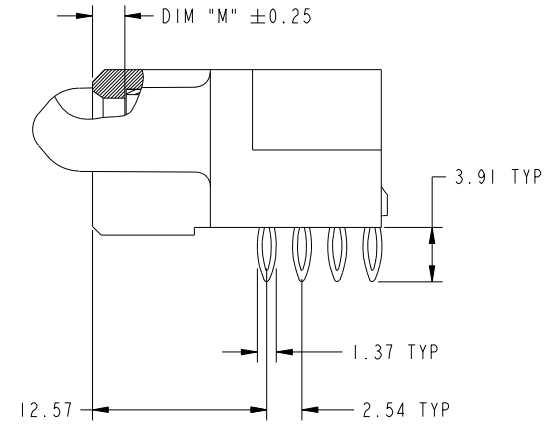
PRODUCT NUMBER
51915-191--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
litr	ecn no.	dr	date	linear	0.X ± 0.5		COPY				
A					0.XX ± 0.25		projection				
					0.XXX ± 0.1						
				angles	0° ± 2°						
		dr	Warren Du		01/16/09			product family PwrBlade		code	
		enrg	Warren Du		01/16/09			size		dwg no	213
		chr	Gary Hsieh		01/16/09			scale	A	51915-191	sheet
		appd	Joseph Hsia		01/16/09						2 of 4
sheet index		revision sheet									

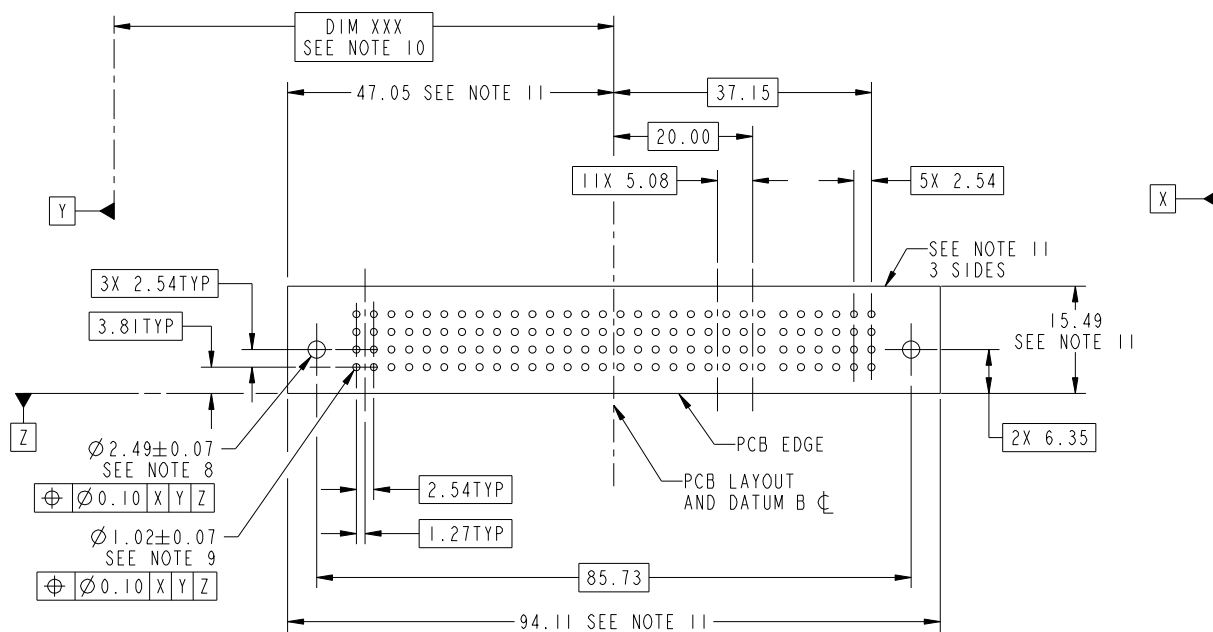
Pro/E

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PRODUCT NUMBER
51915-191--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A							0.XX ±0.25	projection		title	
						angles	0.XXX ±0.1			24S + 12P	
							0° ±2°			R/A PF RECEPTACLE	
						dr	Warren Du 01/16/09	MIM		product family	PwrBlade
						enrg	Warren Du 01/16/09			code	213
						chr	Gary Hsieh 01/16/09	scale		size	dwg no
						appd	Joseph Hsia 01/16/09	1:1	A	51915-191	sheet
sheet index	revision sheet										3 of 4

cage code 22526

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PRODUCT NUMBER
51915-191-- 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. PLATING:
SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51915-191 AND 51915-191LF 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ 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.
13. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecr no.	dr	date	linear	0.X ± 0.5		COPY			title	
A					0.XX ± 0.25		projection			24S + 12P R/A PF RECEPTACLE	
					0.XXX ± 0.1						
				angles	0° ± 2°					product family	
				dr	Warren Du	01/16/09	MIM			PwrBlade	
				enrg	Warren Du	01/16/09	scale			code	
				chr	Gary Hsieh	01/16/09	1:1		size		
				appd	Joseph Hsia	01/16/09			dwg no		
sheet index		revision sheet							A		
									51915-191		
									213		
									sheet		
									4 of 4		
									cage code		
									22526		