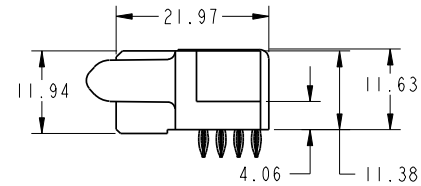
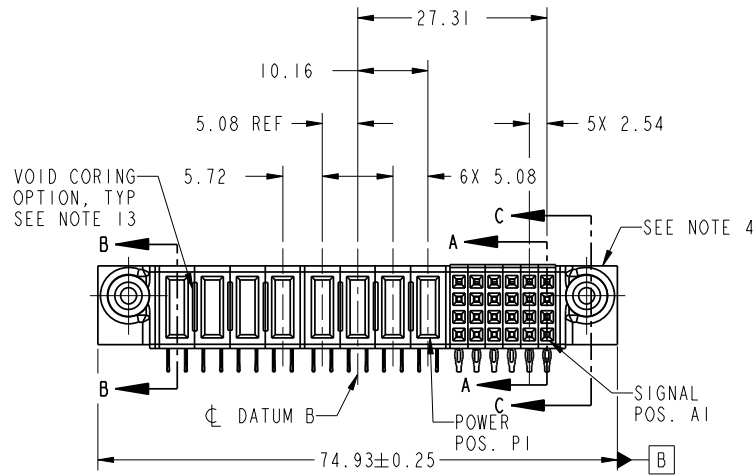


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PRODUCT NO.	ROWS	POWER								SIGNAL							
		E2	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51915-163-- NOTE 3	D C B A		PF	PF	PF	PF	PE	PE	PE	PE	S	S	S	S	S	S	
											R	R	R	R	R	R	
											N	N	N	N	N	N	



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

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY	
A	DG08-0144	JC	06/30/08	linear	0.XX ±0.25	projection	title
				angles	0.XXX ±0.10		24S + 8P R/A PRESS-FIT RECEPTACLE
				dr	0° ±2°	MM	product family
				engr	Jerome Chen 05/19/08	scale	PwrBlade
				chr	Jerome Chen 05/19/08	1:1	size
				appd	Gary Hsieh 05/19/08		dwg no
					Joseph Hsia 05/19/08		51915-163
sheet index	revision	A	A	A	A		code
	sheet	1	2	3	4		213
							sheet
							1 of 4

Pro/E

cage code 22526

PDM: Rev:A

STATUS:Released

Printed: Dec 20, 2010

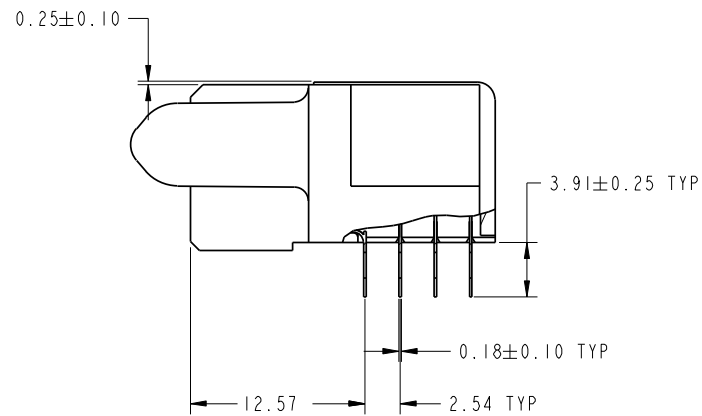
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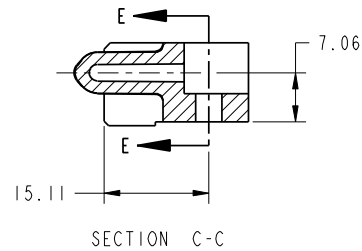
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PRODUCT NUMBER

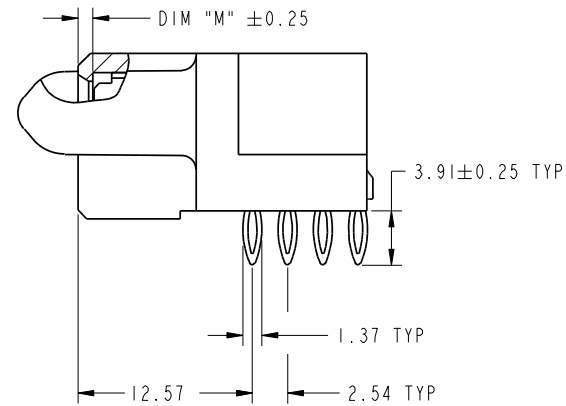
51915-163--
NOTE 3



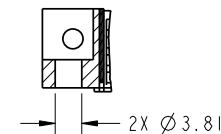
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date								www.fciconnect.com
A				linear	0.X ±0.5			COPY			
					0.XX ±0.25			projection		title	24S + 8P
				angles	0.XXX ±0.10						R/A PRESS-FIT RECEPTACLE
					0° ±2°						
				dr	Jerome Chen	05/19/08				product family	PwrBlade
				engr	Jerome Chen	05/19/08				size	213
				chr	Gary Hsieh	05/19/08				dwg no	51915-163
				appd	Joseph Hsia	05/19/08				scale	2 of 4
sheet	revision										
index	sheet										



www.fciconnect.com

projection



MM

scale 1:1

product family PwrBlade

size 213

dwg no 51915-163

scale 2 of 4

cage code 22526

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Printed: Dec 20, 2010

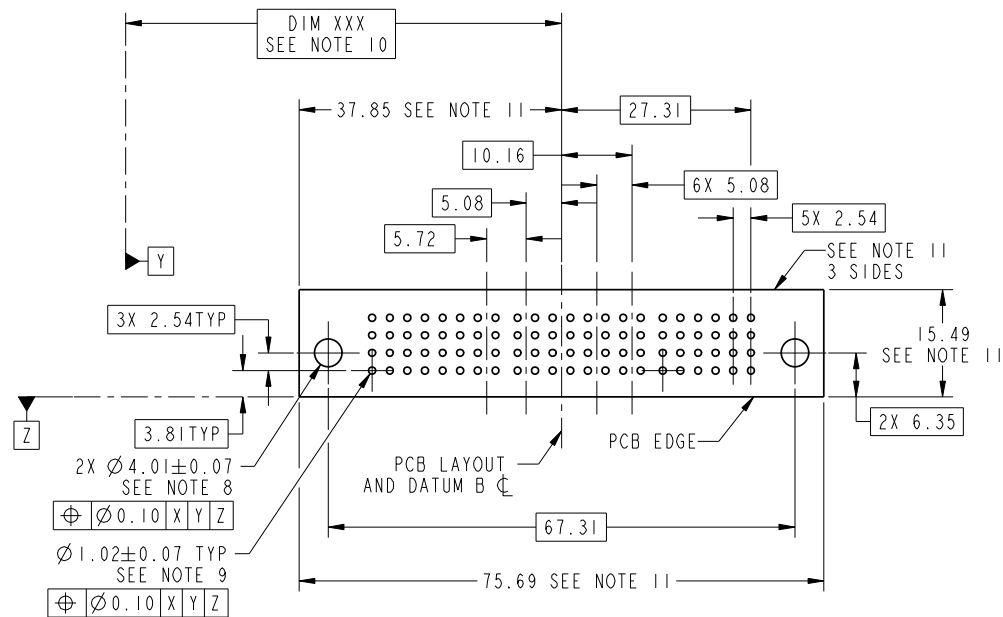
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PRODUCT NUMBER

51915-163--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.5	projection	0.XX ±0.25	title	24S + 8P	www.fciconnect.com	
A				angles	0.XXX ±0.10		0° ±2°	R/A PRESS-FIT RECEPTACLE			
				dr	Jerome Chen	05/19/08		product family		PwrBlade	code
				engr	Jerome Chen	05/19/08		size	dwg no	213	sheet
				chr	Gary Hsieh	05/19/08		A	51915-163	3 of 4	
				appd	Joseph Hsia	05/19/08		scale	1:1		
sheet index	revision sheet										

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PRODUCT NUMBER

51915-163_ _
NOTE 3

NOTES:

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

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
- PLATING:
51915-163, 51915-163LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
- PACKAGED IN TRAYS.

PCB NOTES:

- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- CONNECTOR KEEP-OUT ZONE.
- USE FCI CAM TOOL 430140-XXX
TO APPLY CONNECTOR TO PCB.
- THE VOID CORING IN BETWEEN POWER MODULES,
SIGNAL MODULES AND END MODULES ARE OPTIONAL
AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZING
THE MOLDING PROCESS. THE VOID CORING WILL NOT
EFFECT TO PRODUCT FUNCTION.

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date			COPY	
A				linear	$0.X \pm 0.5$	projection	title
					$0.XX \pm 0.25$		24S + 8P
				angles	$0.XXX \pm 0.10$		R/A PRESS-FIT RECEPTACLE
					$0^\circ \pm 2^\circ$		
				dr	Jerome Chen 05/19/08	MM	product family PwrBlade
				engr	Jerome Chen 05/19/08	scale	size
				chr	Gary Hsieh 05/19/08	1:1	dwg no
				appd	Joseph Hsia 05/19/08		51915-163
sheet	revision						code
index	sheet						213
							sheet
							4 of 4

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