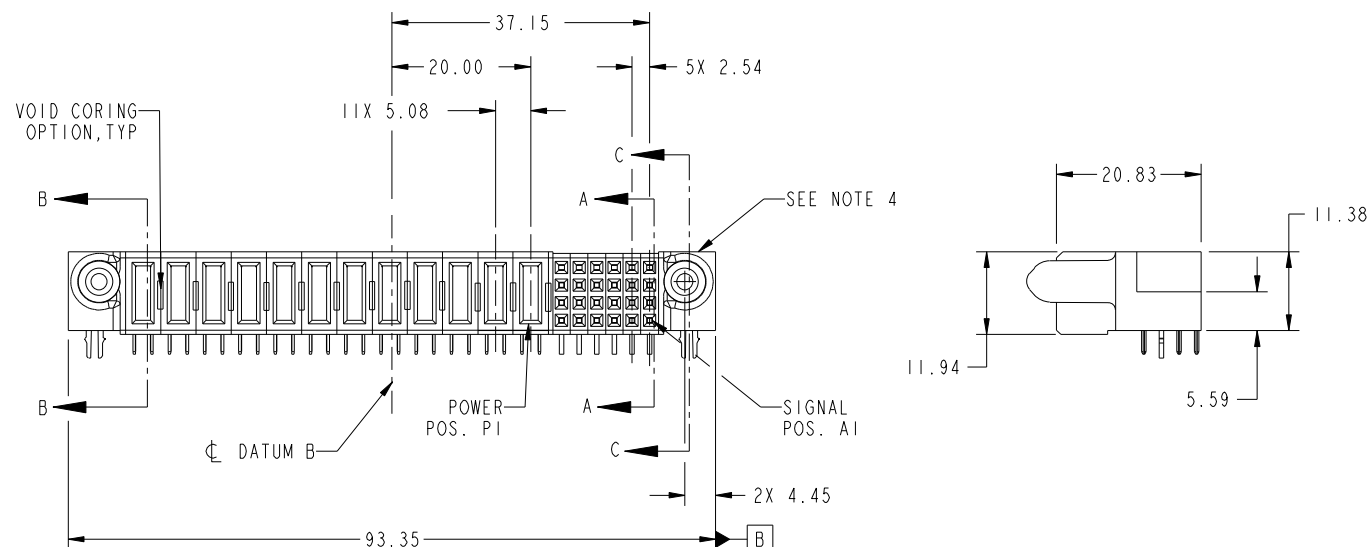


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	POWER												SIGNAL							
		E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51915-221--	D		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	H	H	H	H	H	H	
NOTE 3	C														G	G	G	G	G	G	
	B														F	F	F	F	F	F	
	A														E	E	E	E	E	E	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG09-0279	WL	09/04/09	angles	0.XX ±0.25	projection		title	
					0.XXX ±0.1			24S + 12P	
					0° ±2°			R/A SOLDER RECEPTACLE	
				dr	WL ZHANG 09/04/09	MIM		product family	PwrBlade
				enrg	JEROME CHEN 09/04/09			size	213
				chr	PM ZHENG 09/04/09			dwg no	51915-221
				appd	Joseph Hsia 09/04/09	scale	1:1	sheet	1 of 4
sheet index	revision sheet	A	A	A	A				
		1	2	3	4				

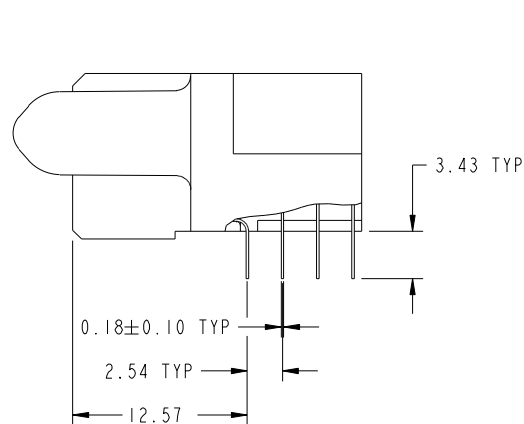
cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

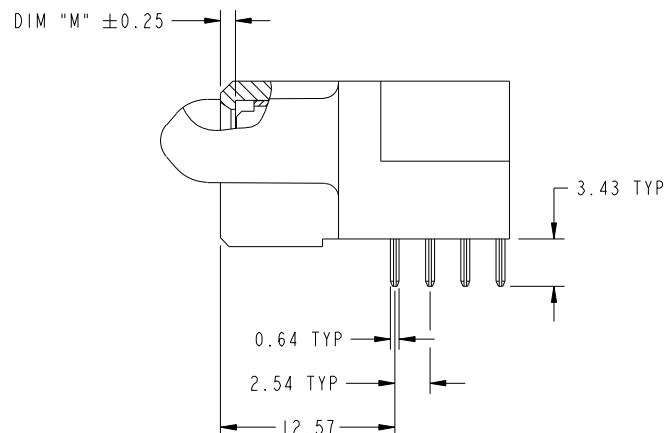


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

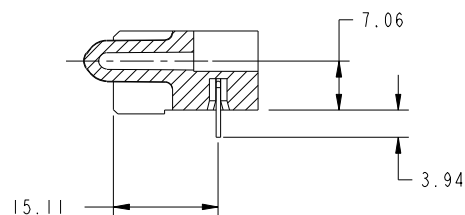
PRODUCT NUMBER
51915-221--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com					
litr	ecn no.	dr	date	linear	0. X ±0.5		COPY		title 24S + 12P R/A SOLDER RECEPTACLE				
A					0. XX ±0.25		projection 						
					0. XXX ±0.1								
				angles	0° ±2°		MM scale 1:1		product family PwrBlade		code		
				dr	WL ZHANG	09/04/09			size	dwg no	213		
				enrg	JEROME CHEN	09/04/09			A		51915-221		sheet
				chr	PM ZHENG	09/04/09					2 of		
				appd	Joseph Hsia	09/04/09							
sheet index		revision sheet											

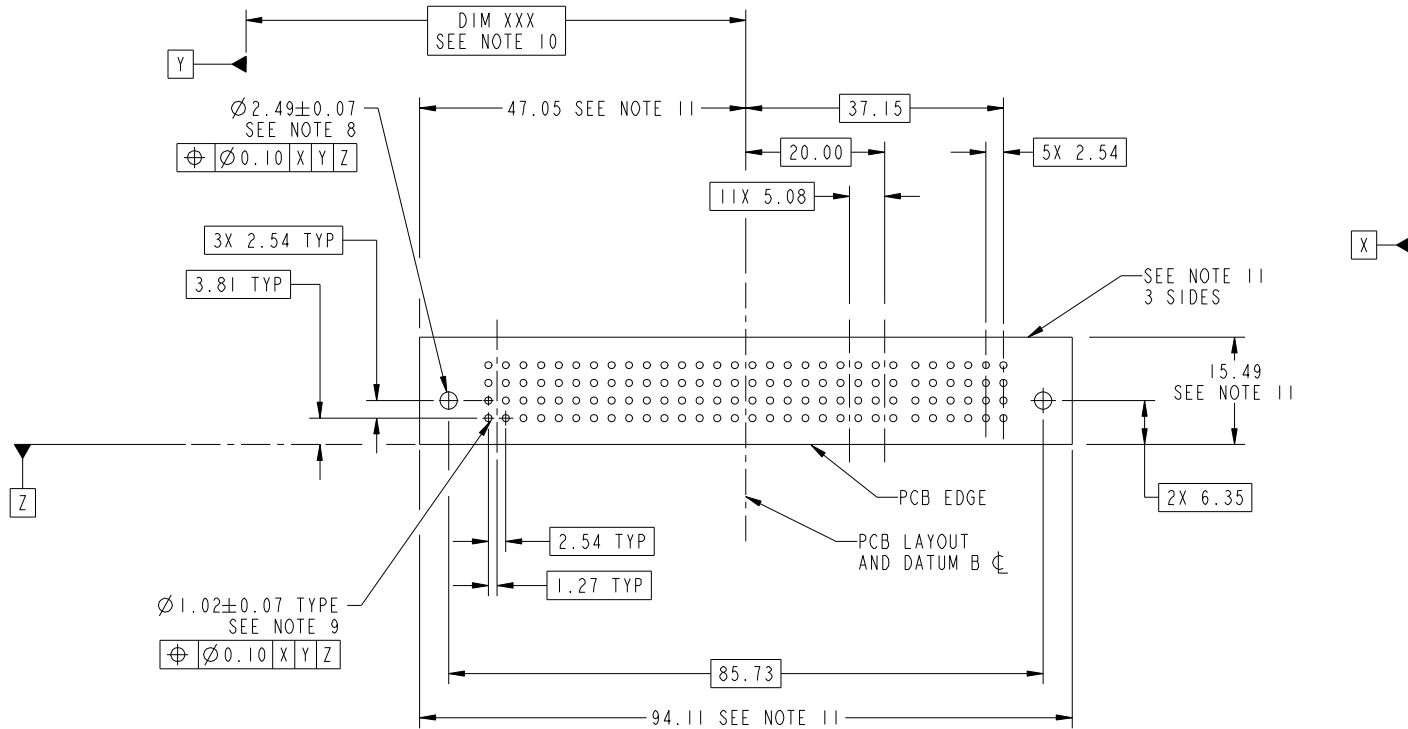
Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51915-221--
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						linear	0.XX ±0.25	projection		title	
						angles	0.XXX ±0.1			24S + 12P	
						angles	0° ±2°			R/A SOLDER RECEPTACLE	
						dr	WL ZHANG 09/04/09			product family	PwrBlade
						enrg	JEROME CHEN 09/04/09			size	213
						chr	PM ZHENG 09/04/09			dwg no	51915-221
						appd	Joseph Hsia 09/04/09			sheet	3 of 4
sheet index	revision sheet							scale	1:1		
										cage code	22526

Pro/E

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51915-221-- 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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51915-221; 51915-221LF PRESPECTIVELY

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
 $\varnothing 1.02 \pm 0.07$ 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	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				24S + 12P	
				angles		$0.XXX \pm 0.1$				R/A SOLDER RECEPTACLE	
						$0^\circ \pm 2^\circ$		MIM		product family PwrBlade	
				dr	WL ZHANG	09/04/09		scale		size	code
				enrg	JEROME CHEN	09/04/09		1:1	A	dwg no	213
				chr	PM ZHENG	09/04/09				51915-221	
				appd	Joseph Hsia	09/04/09				sheet	4 of 4
sheet index	revision sheet										

cage code 22526