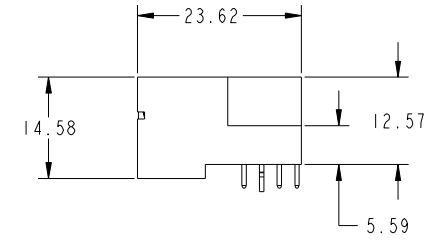
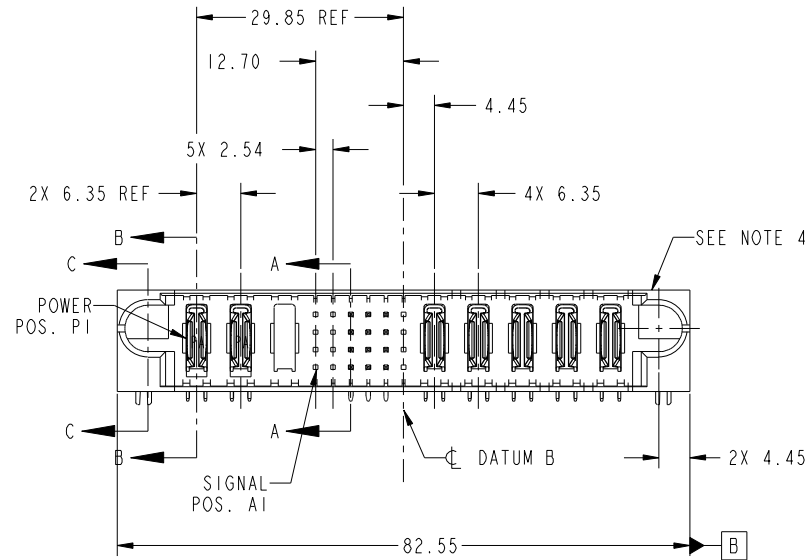


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PRODUCT NO.	ROWS		POWER			SIGNAL						POWER					
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	E2
51939-429-- NOTE 3	D C B A		PA	PA	X	X	X	H	H	H	X	PA	PA	PA	PA	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL
G	[5.59]	SIGNAL
H	[5.59]	SIGNAL
X	OMITTED	

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	DG09-0128	JW	03/23/09			0.XX ±0.25		projection		title	
B	DG09-0199	JW	06/04/09			0.XXX ±0.1				3P + 24S + 5P RIGHT ANGLE SOLDER HEADER	
				angles		0° ±2°		MIM		product family	
				dr	JULIA WANG	03/23/09		scale		PwrBlade	
				enrg	JEROME CHEN	03/23/09		1:1		code	
				chr	PM ZHENG	03/23/09		A		size	
				appd	JOSEPH HSIA	03/23/09		dwg no		213	
				sheet				51939-429		sheet	
				index				A		1 of 4	
				revision	B	B	B				
				sheet	1	2	3				

Pro/E

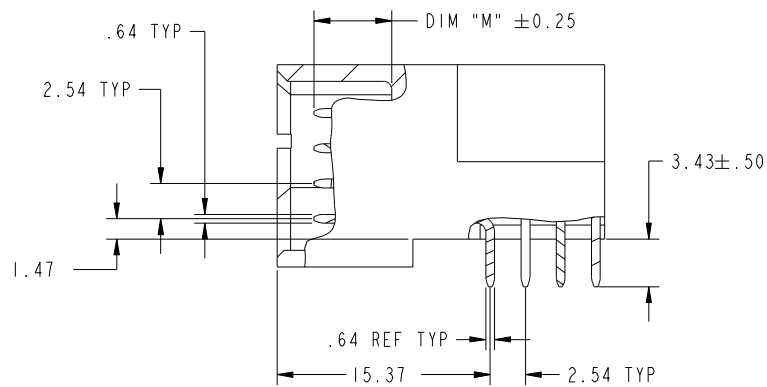
cage code 22526

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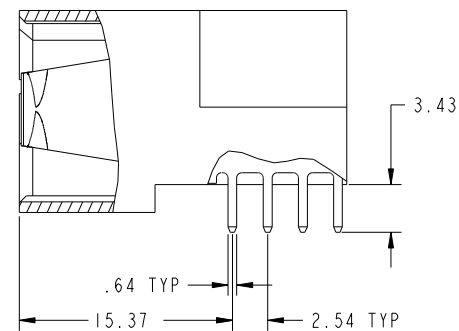


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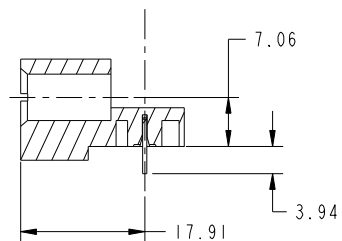
PRODUCT NUMBER
51939-429-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
B						linear	0.XX ±0.25	projection		title	
						linear	0.XXX ±0.1			3P + 24S + 5P	
						angles	0° ±2°			RIGHT ANGLE SOLDER HEADER	
						dr	JULIA WANG 03/23/09			product family	
						enr	JEROME CHEN 03/23/09			PwrBlade	
						chr	PM ZHENG 03/23/09			code	
						appd	JOSEPH HSIA 03/23/09			213	
sheet index		revision sheet						scale		size	
								1:1		dwg no	
										51939-429	
										sheet	
										2 of 4	
										cage code	
										22526	

Pro/E

3

cage code
22526

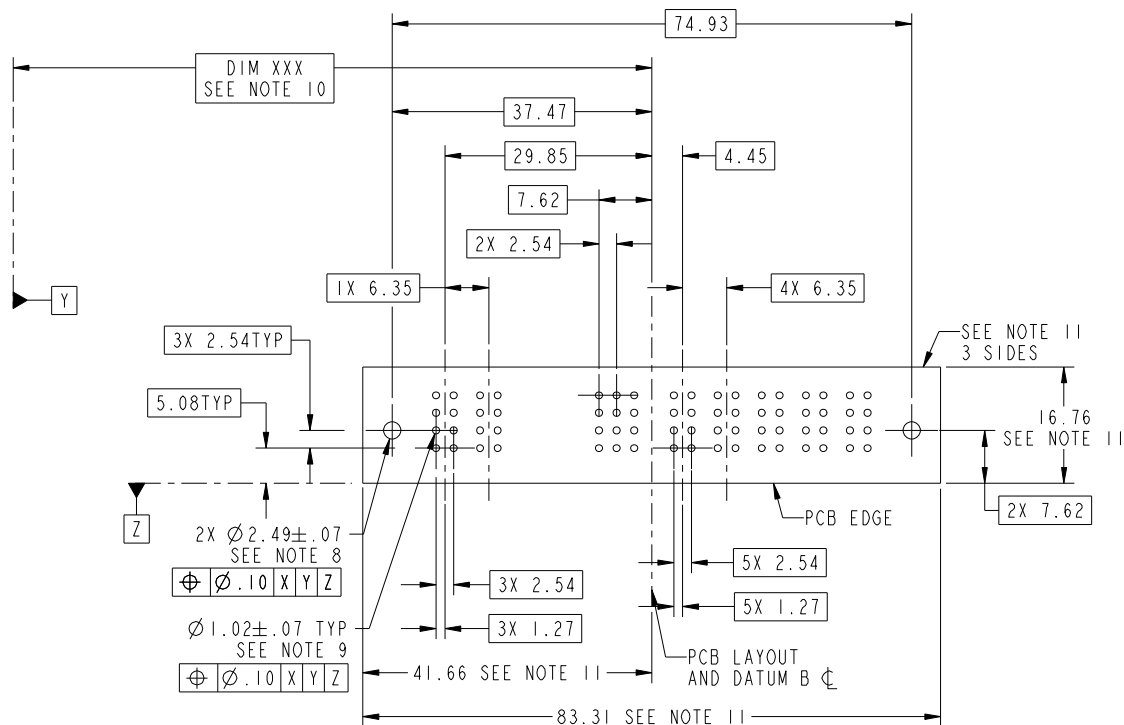
4

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PRODUCT NUMBER
51939-429-
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	
B						linear	0.XX ±0.25	projection		title 3P + 24S + 5P	
						angles	0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
						dr	0° ±2°			product family PwrBlade	
						enr	JULIA WANG 03/23/09			code 213	
						chr	JEROME CHEN 03/23/09			size dwg no	
						appd	PM ZHENG 03/23/09			A 51939-429	
							JOSEPH HSIA 03/23/09			sheet 3 of 4	
sheet index	revision sheet							scale 1:1		cage code 22526	

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PRODUCT NUMBER
51939-429- NOTE: 3

NOTES:

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

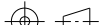
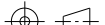
CONNECTOR NOTES:

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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC. OF 51939-429; 51939-429LF 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. A  SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com				
ltr		ecn no.		dr		date		linear	0.X ± 0.5				COPY				title 3P + 24S + 5P RIGHT ANGLE SOLDER HEADER							
B									0.XX ± 0.25				projection											
									0.XXX ± 0.1															
								angles	0° ± 2°								product family PwrBlade				code 213 sheet 4 of 4			
				dr		JULIA WANG		03/23/09																
				enrg		JEROME CHEN		03/23/09																
						chr		PM ZHENG		03/23/09		scale				A				51939-429				
						appd		JOSEPH HSIA		03/23/09		1:1												
sheet index		revision sheet																						

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cage code 22526