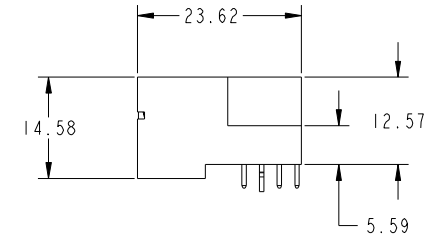
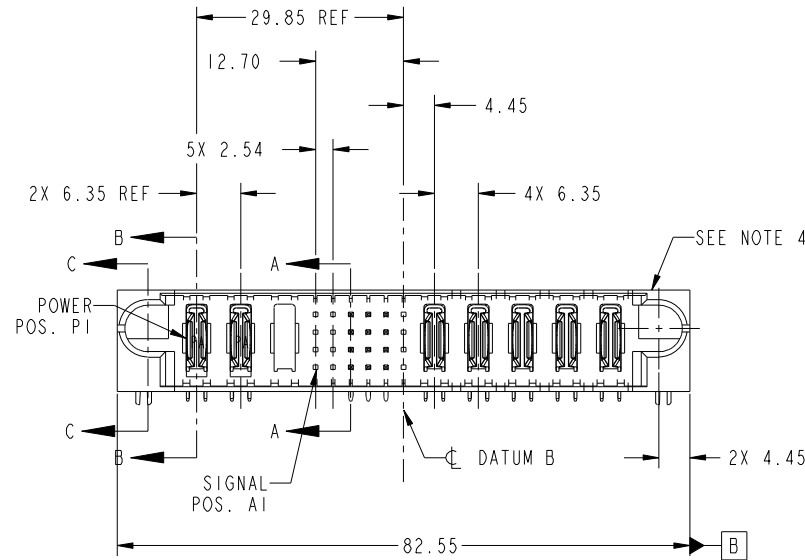


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PRODUCT NO.	ROWS		POWER			SIGNAL						POWER					
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	E2
51939-429-- NOTE 3	D C B A		PA	PA	X	X	X	H	H	H	X	PA	PA	PA	PA	PA	



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	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG09-0128	JW	03/23/09	linear		0.X ±0.5		projection		title 3P + 24S + 5P RIGHT ANGLE SOLDER HEADER	
B	DG09-0199	JW	06/04/09			0.XX ±0.25				product family PwrBlade	
				angles		0.XXX ±0.1		scale		code 213	
				dr	JULIA WANG	03/23/09				size	
				enr	JEROME CHEN	03/23/09				dwg no	
				chr	PM ZHENG	03/23/09				51939-429	
				appd	JOSEPH HSIA	03/23/09				sheet 1 of 4	
sheet index	revision sheet	B 1	B 2	B 3	B 4					cage code 22526	

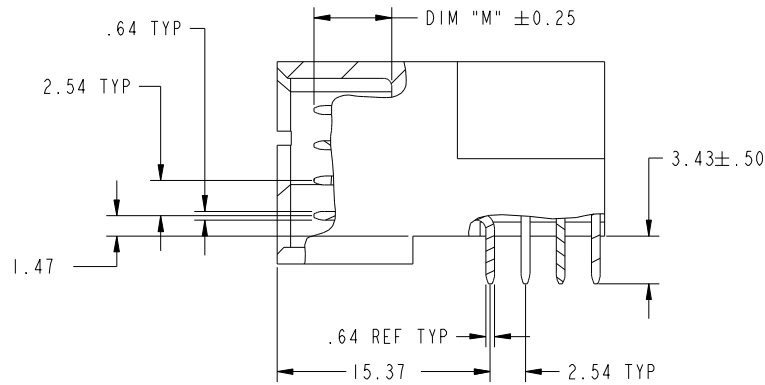
Pro/E

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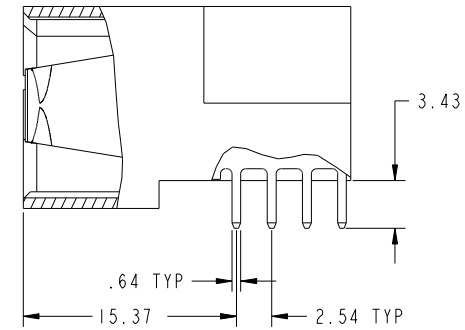


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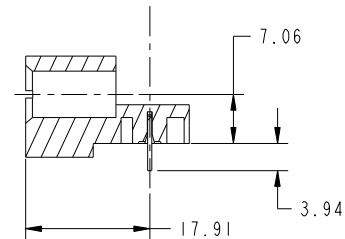
PRODUCT NUMBER
51939-429-
NOTE: 3



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 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 2 of 4	
sheet index	revision sheet							scale 1:1			

cage code 22526

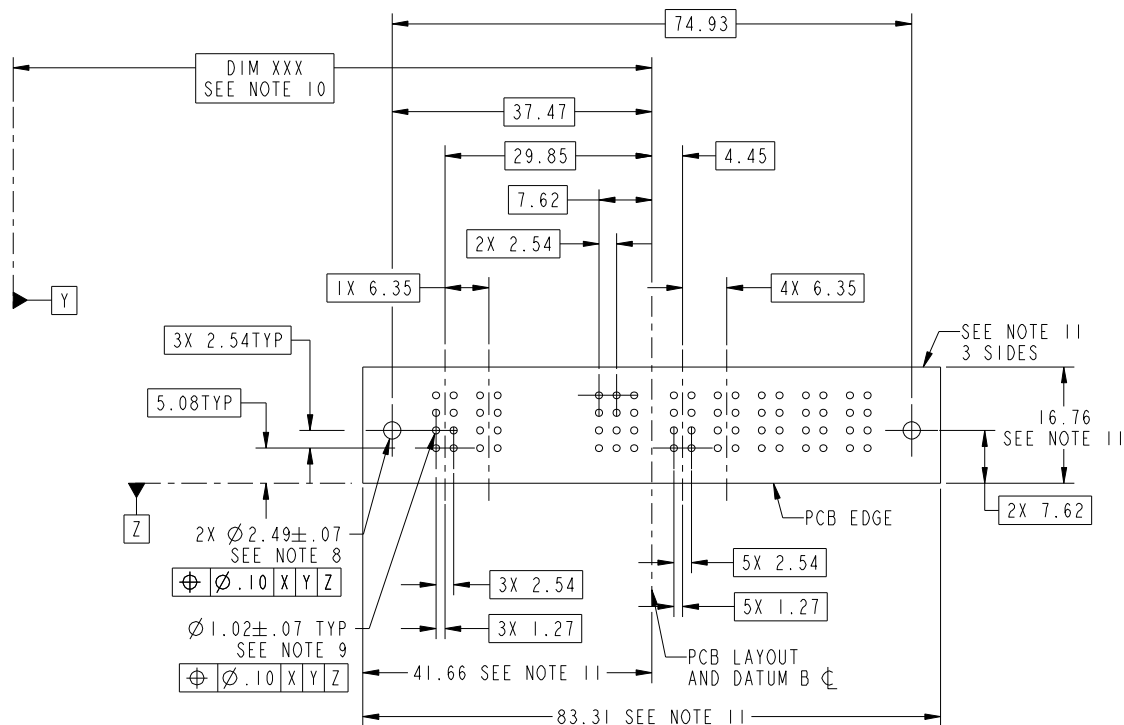
Pro/E

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PRODUCT NUMBER
51939-429-
NOTE: 3



RECOMMENDED PCB LAYOUT

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

Pro/E

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

cage code 22526