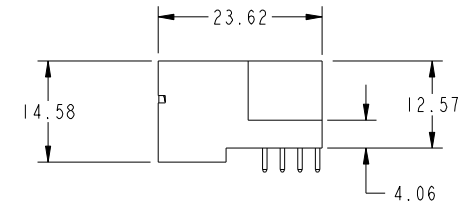
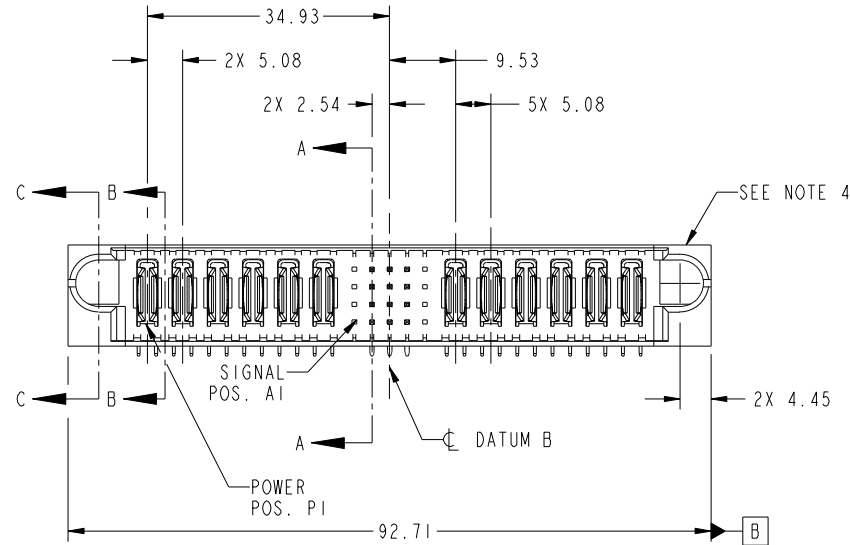


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PRODUCT NO.	ROWS	POWER						SIGNAL					POWER						E2	
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8	P9	P10	P11		P12
51939-500- NOTE 3	D C B A		PA	PA	PA	PA	PA	PA	X	U	U	U	U	PA	PA	PA	PA	PA	PA	
		U U																		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
X	OMITTED	OMITTED
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
E	[5.59]	SIGNAL
SL	[7.82]	SIGNAL
RL	[7.82]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG10-0042	AL	1/28/10			linear	0.XX ±0.25	projection		title 6P + 20S + 6P RIGHT ANGLE SOLDER HEADER	
						angles	0.XXX ±0.1			product family PwrBlade	
						dr	Anson Liu 01/28/10	scale		code 213	
						enrg	Warren Du 01/29/10			size dwg no	
						chr	PM ZHENG 01/28/10			A 51939-500	
						appd	JOSEPH HSIA 01/28/10			sheet 1 of 4	
sheet index	revision sheet	A	A	A	A					cage code 22526	
		1	2	3	4						

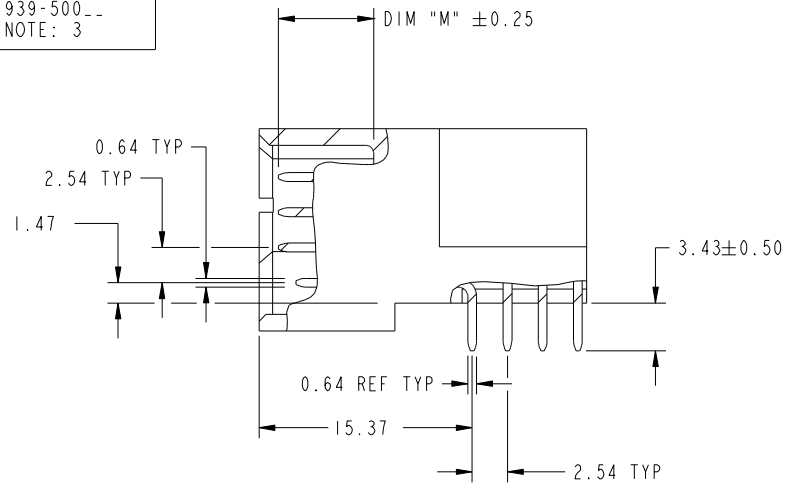
Pro/E

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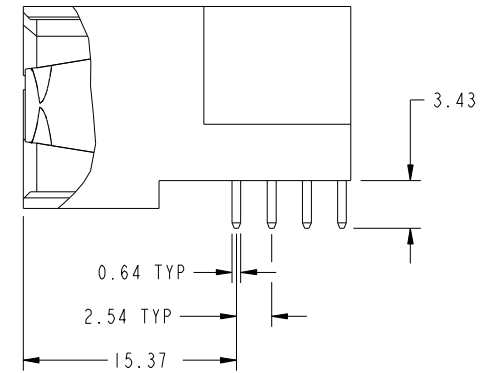


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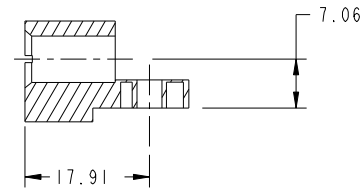
PRODUCT NUMBER
51939-500--
NOTE: 3



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					COPY		www.fciconnect.com	
A				linear		0.X ±0.5		projection		title 6P + 20S + 6P	
						0.XX ±0.25				RIGHT ANGLE SOLDER HEADER	
				angles		0.XXX ±0.1					
					dr	Anson Liu	01/28/10			product family	PwrBlade
					enr	Warren Du	01/29/10			size	213
					chr	PM ZHENG	01/28/10			dwg no	51939-500
					appd	JOSEPH HSIA	01/28/10			sheet	2 of 4
sheet index	revision sheet							scale	1:1		

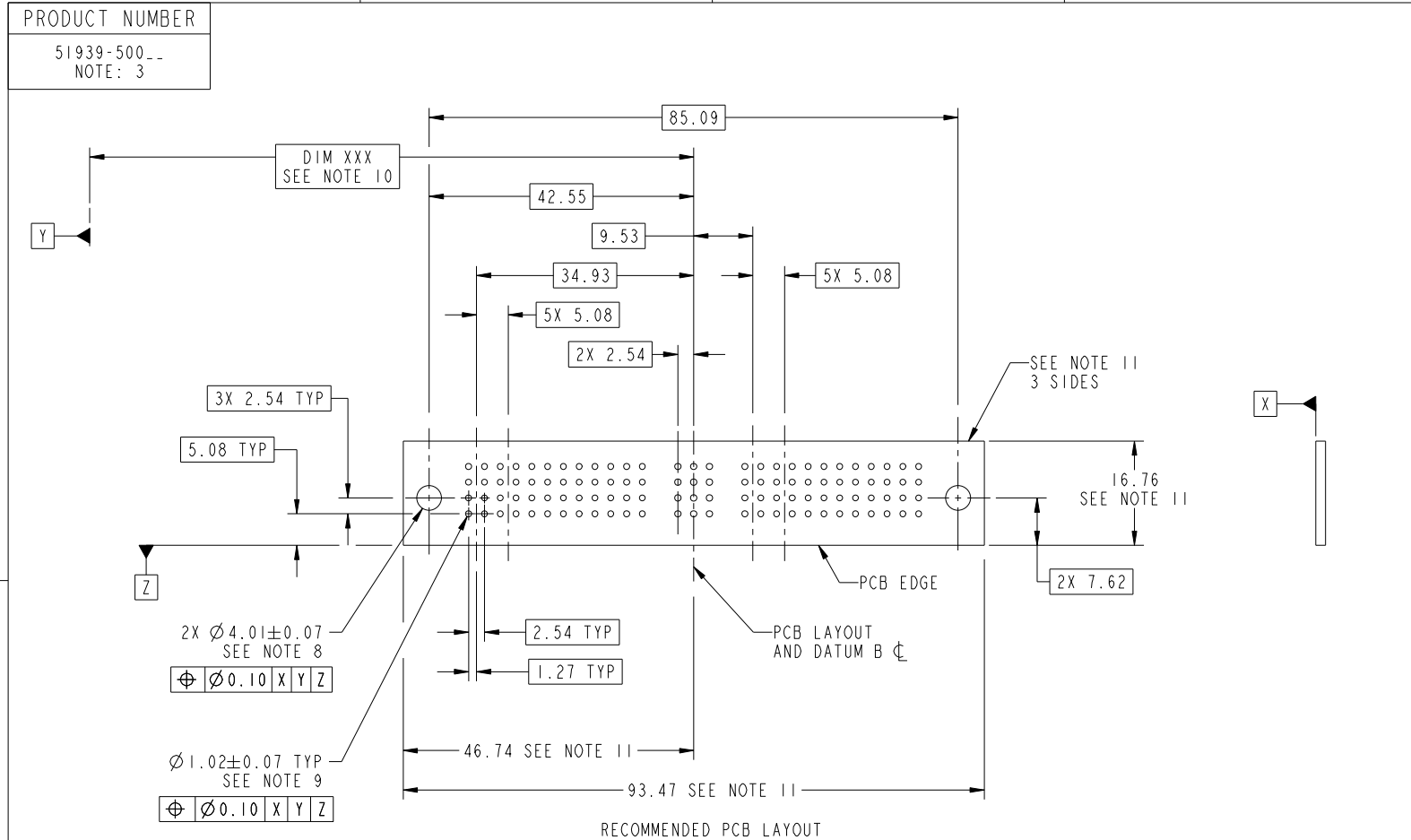
cage code 22526

Pro/E

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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						angles	0.XX ±0.25	projection		title	
							0.XXX ±0.1			6P + 20S + 6P	
						dr	0° ±2°			RIGHT ANGLE SOLDER HEADER	
						enrg	Anson Liu 01/28/10			product family PwrBlade	
						chr	Warren Du 01/29/10			code	
						appd	PM ZHENG 01/28/10			213	
							JOSEPH HSIA 01/28/10			sheet	
sheet index		revision sheet						scale		A	
								1:1		51939-500	
										3 of 4	
										cage code	
										22526	

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PRODUCT NUMBER
51939-500-- 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 SPEC.
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-500; 51939-500LF PRESPECTIVELY
4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE.
THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFAC
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.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				6P + 20S + 6P	
				angles		$0.XXX \pm 0.1$				RIGHT ANGLE SOLDER HEADER	
						$0^\circ \pm 2^\circ$					
				dr	Anson Liu	01/28/10		MIM		product family	PwrBlade
				enrg	Warren Du	01/29/10				size	213
				chr	PM ZHENG	01/28/10		scale		dwg no	sheet
				appd	JOSEPH HSIA	01/28/10		1:1	A	51939-500	4 of 4
sheet index	revision sheet										

cage code 22526