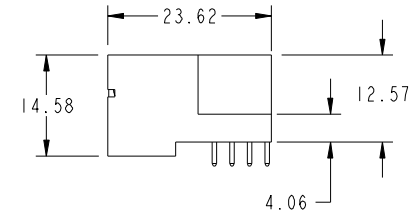
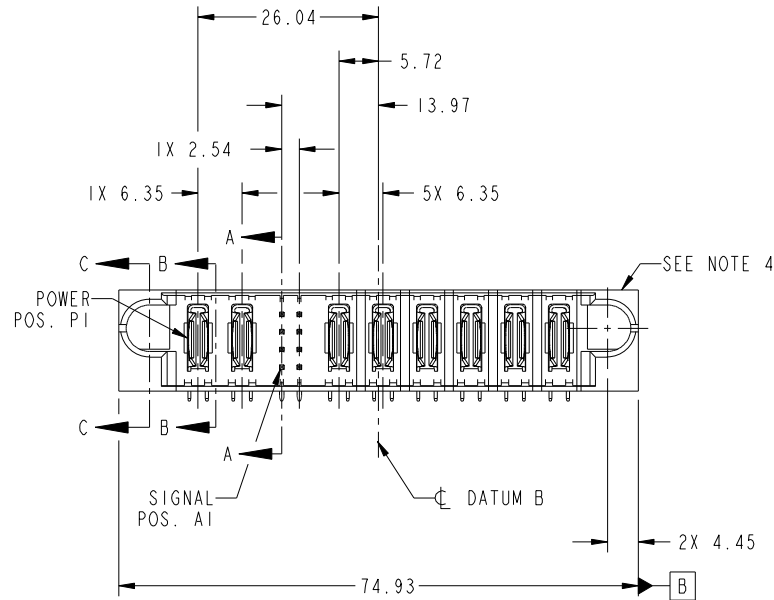


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PRODUCT NO.	ROW S		POWER		SIG		POWER																
		E1	P1	P2	1	2	P3	P4	P5	P6	P7	P8	E2										
51939-496-- NOTE 3	D C B A																						
		          																					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG10-0004	WD	01/06/10	linear		0.X ±0.5		projection		title	6P + 8S + 2P RIGHT ANGLE SOLDER HEADER
				angles		0.XX ±0.25				product family	PwrBlade
						0.XXX ±0.1				size	213
				dr	Warren Du	01/04/10		MIM		dwg no	51939-496
				enrg	Warren Du	01/04/10				sheet	1 of 4
				chr	PM ZHENG	01/04/10		scale			
				appd	JOSEPH HSIA	01/04/10		1:1			
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

Pro/E

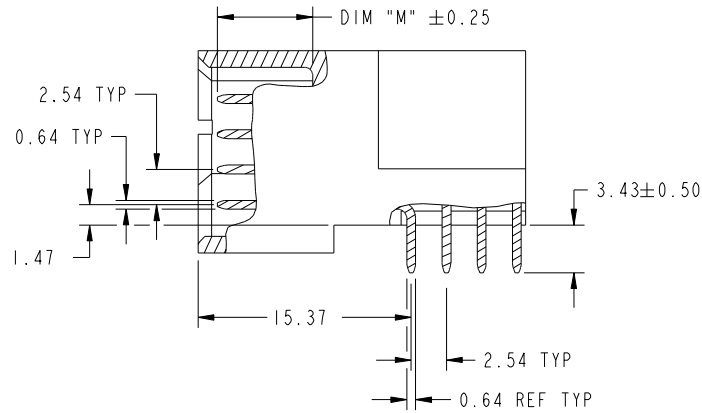
cage code 22526

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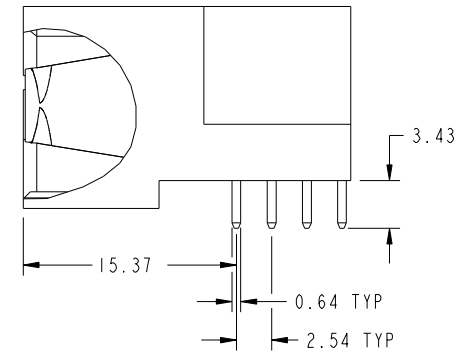


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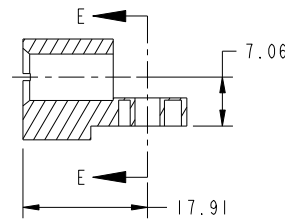
PRODUCT NUMBER
51939-496-
NOTE: 3



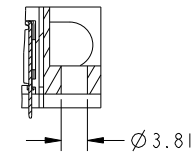
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

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						0.XX ±0.25		projection		title 6P + 8S + 2P	
						0.XXX ±0.1				RIGHT ANGLE SOLDER HEADER	
					angles	0° ±2°					
				dr	Warren Du	01/04/10		MIM		product family	PwrBlade
				enr	Warren Du	01/04/10				size	dwg no
				chr	PM ZHENG	01/04/10				51939-496	
				appd	JOSEPH HSIA	01/04/10				code	213
sheet index	revision sheet							scale	1:1	sheet	2 of 4
										cage code	22526

Pro/E

3

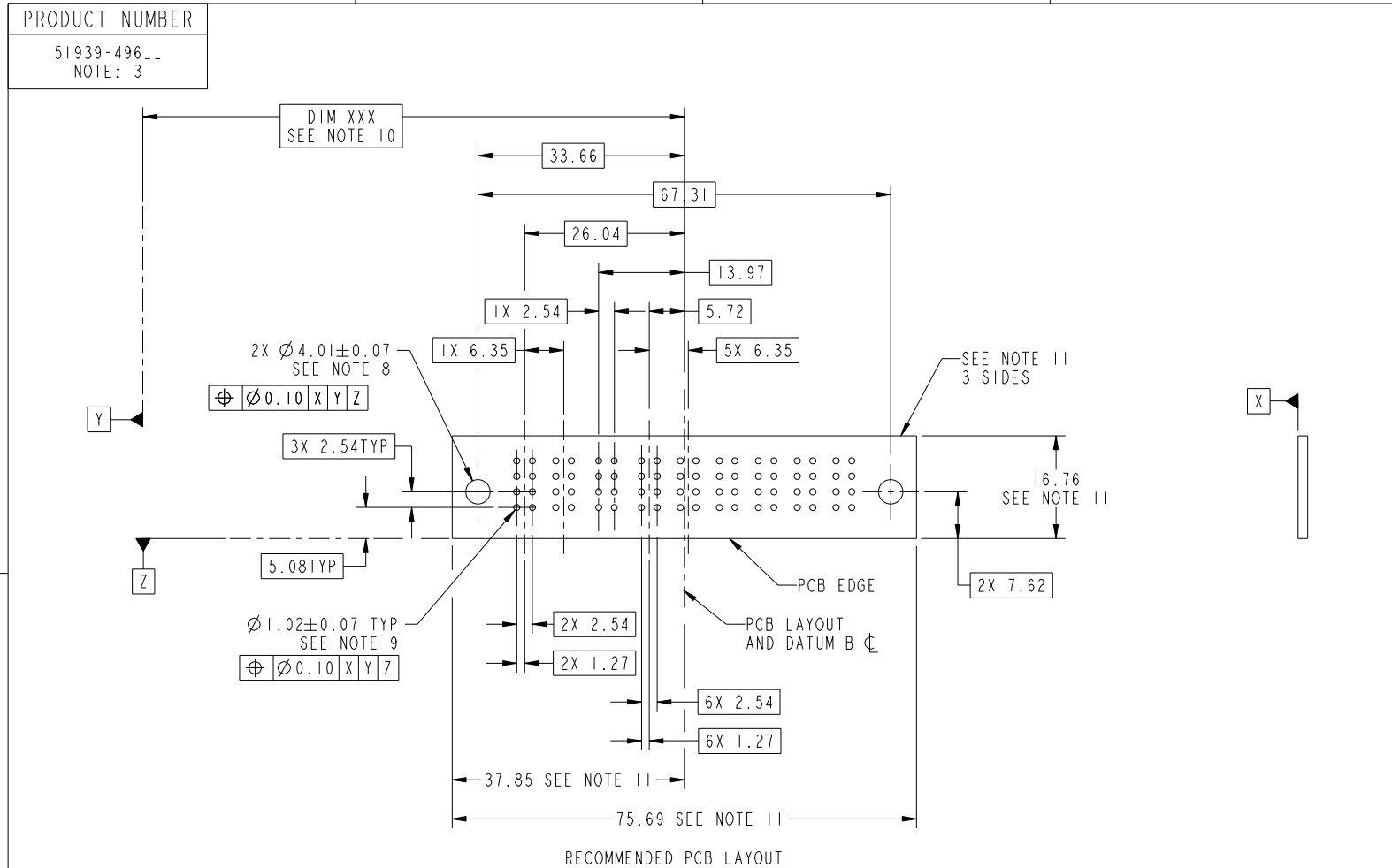
cage code 22526

4

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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						linear	0.XX ±0.25	projection		title 6P + 8S + 2P	
						angles	0.XXX ±0.1			RIGHT ANGLE SOLDER HEADER	
							0° ±2°			product family PwrBlade	
						dr	Warren Du 01/04/10			size	code 213
						enrg	Warren Du 01/04/10			dwg no	sheet 3 of 4
						chr	PM ZHENG 01/04/10			51939-496	
						appd	JOSEPH HSIA 01/04/10				
sheet index	revision sheet							scale 1:1			
										cage code 22526	

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PRODUCT NUMBER
51939-496_- 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-496 AND 51939-496LF RESPECTIVELY.
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 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.

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 + 8S + 2P	
				angles		$0.XXX \pm 0.1$				RIGHT ANGLE SOLDER HEADER	
						$0^\circ \pm 2^\circ$					
				dr	Warren Du	01/04/10		MIM		product family	PwrBlade
				enrg	Warren Du	01/04/10				size	213
				chr	PM ZHENG	01/04/10		scale		dwg no	sheet
				appd	JOSEPH HSIA	01/04/10		1:1	A	51939-496	4 of 4
sheet index	revision sheet										

Pro/E

cage code 22526