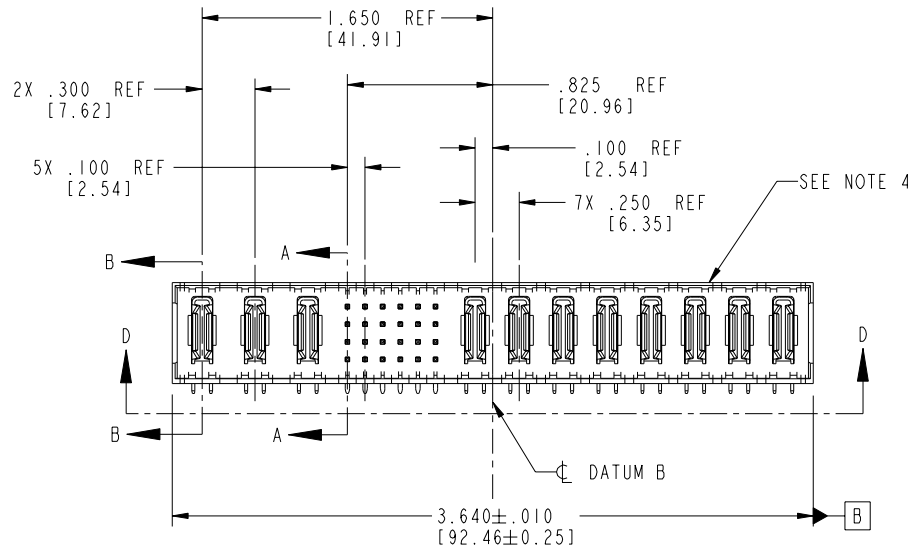


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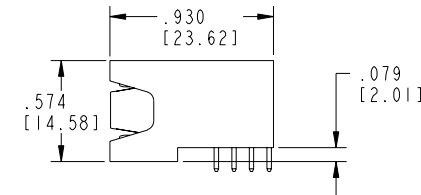
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PRODUCT NO.	ROWS	POWER			SIGNAL						POWER							
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	P10	P11
51516-001-- NOTE:3	D C B A	PA	PA	PA	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	PA	PA	PA	PA	PA	PA
		UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU



3

4



CODE	DIM "M" MATING LENGTH	DIM "T" TAIL LENGTH	CONTACT TYPE
E	.220 [5.59]	.135 [3.43]	SIGNAL
R	.270 [6.86]	.135 [3.43]	SIGNAL
S	.270 [6.86]	.135 [3.43]	SIGNAL
T	.270 [6.86]	.135 [3.43]	SIGNAL
U	.270 [6.86]	.135 [3.43]	SIGNAL
PA	N/A [N/A]	.135 [3.43]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3		projection		title		
A	V90585	CHB	02/23/99		.XXX±.005/0.XX±0.13				3P + 24S + 8P		
B	V12517	JWS	12/27/01	angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER			
C	DG06-0011	CS	01/09/06		0°±2°			PwrBlade			
				dr	J. SHAFFER	12/27/01	INCH/MM		product family		code
				enrg	J. ALLISON	12/27/01			size	dwg no	213
				chr	J. ALLISON	12/27/01	scale	A	51516		sheet
				appd	J. ALLISON	12/27/01			1:1		
sheet index	revision	C	C	C	C						
	sheet	1	2	3	4						

Pro/E

3

cage code 22526

4

PDM: Rev:C

STATUS:Released

Printed: Dec 20, 2010

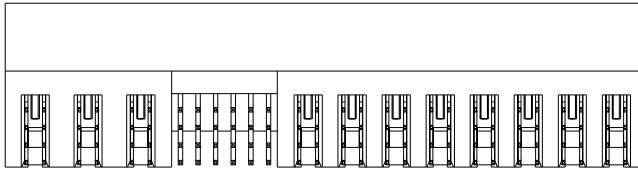
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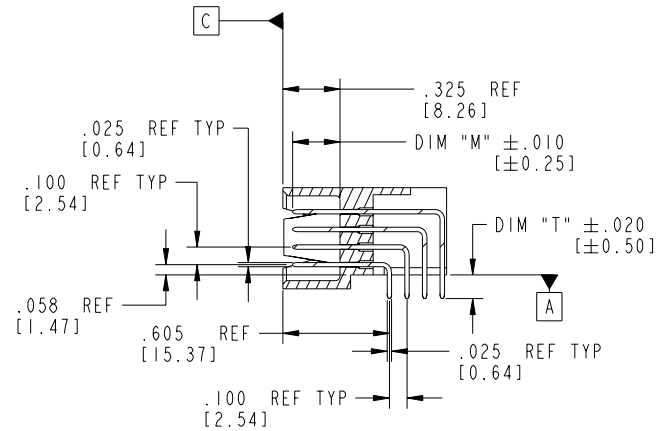
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PRODUCT NUMBER

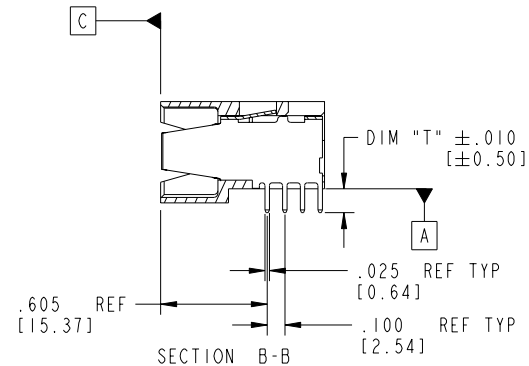
51516-001_-
NOTE:3



SECTION D-D



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		projection 	title 3P + 24S + 8P RIGHT ANGLE SOLDER HEADER	product family PwrBlade	code 213	
C					.XXX±.005/0.XX±0.13						
					.XXX±.0020/0.XX±0.051						
					0°±2°						
				angles	0°±2°		INCH/MM  scale 1:1	size A	dwg no 51516	sheet 2 of 4	
				dr	J. SHAFFER	12/27/01					
				engr	J. ALLISON	12/27/01					
				chr	J. ALLISON	12/27/01					
				appd	J. ALLISON	12/27/01					
sheet index		revision sheet									
Pro/E						3		cage code		22526	4

Pro/E

PDM: Rev:C

STATUS:Released

Printed: Dec 20, 2010

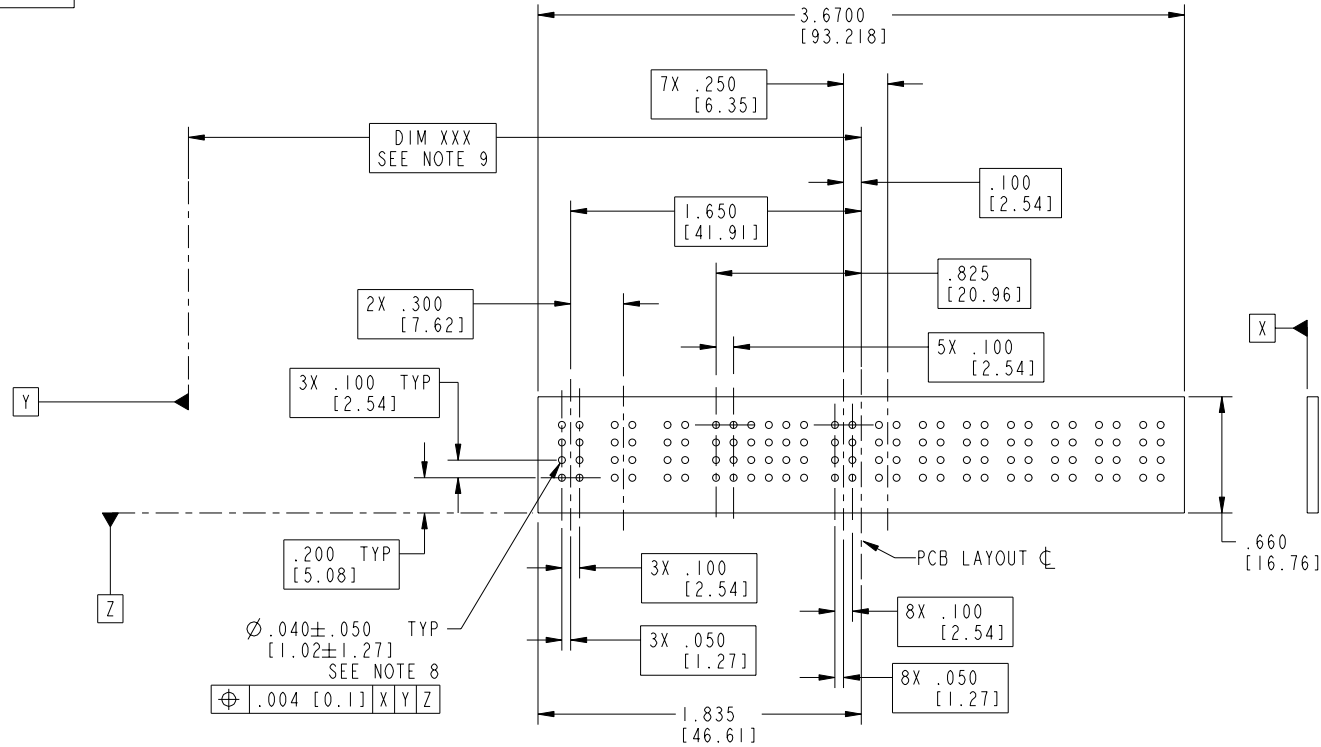
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PRODUCT NUMBER

51516-001--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com					
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection  INCH/MM ↔ scale 1:1	title		3P + 24S + 8P			
C					.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER		product family		PwrBlade	
					.XXX±.0020/0.XXX±0.051					size		dwg no		213	
					0°±2°					A		51516		sheet	
				angles	0°±2°							3 of 4			
				dr	J. SHAFFER	12/27/01									
				engr	J. ALLISON	12/27/01									
				chr	J. ALLISON	12/27/01									
				appd	J. ALLISON	12/27/01									
sheet index		revision sheet													
Pro/E						3				cage code		22526		4	

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PRODUCT NUMBER

51516-001--
NOTE:3

NOTES:

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

CONNECTORS NOTES:

- ② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51516-001,51516-001LF,PLATING SPEC SEE PRINT:100064183.

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

8. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY				title						
C					$.XXX \pm .005 / 0.XX \pm 0.13$				projection				3P + 24S + 8P						
				angles	$.XXX \pm .0020 / 0.XXX \pm 0.051$								RIGHT ANGLE SOLDER HEADER						
					$0^\circ \pm 2^\circ$														
				dr	J. SHAFFER	12/27/01	INCH/MM				product family								
				enr	J. ALLISON	12/27/01	scale				PwrBlade								
				chr	J. ALLISON	12/27/01	1:1				size								
				appd	J. ALLISON	12/27/01					dwg no								
sheet index		revision sheet										A							
												51516							
												code							
												213							
												sheet							
												4 of 4							
												cage code							
												22526							
												4							

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