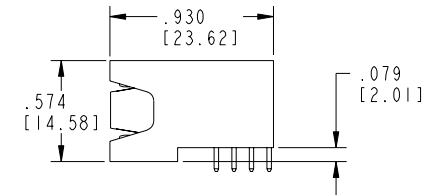
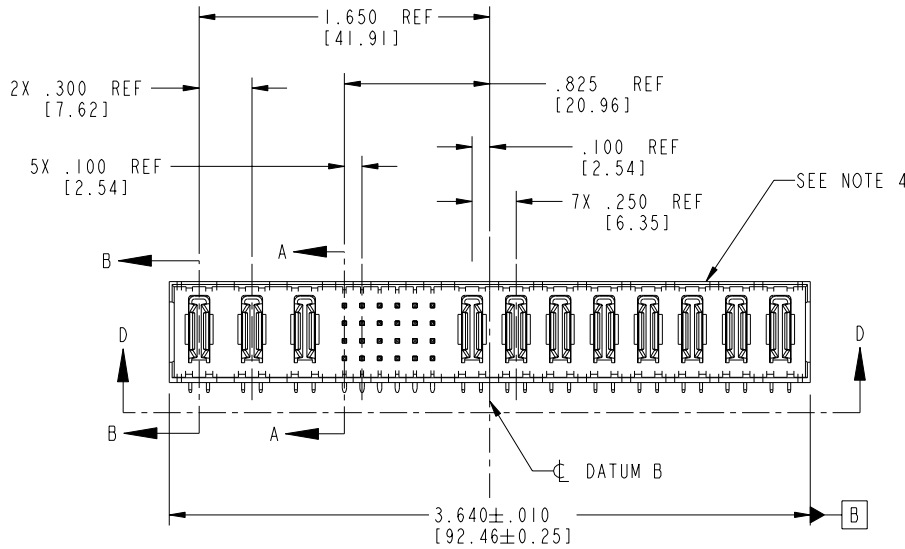


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PRODUCT NO.	ROWS	POWER			SIGNAL						POWER						
		P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	P9	P10
51516-001-- NOTE:3	D C B A	PA	PA	PA	UUUUUU	TTTTTTTT	SSSSSS	RRRRRE	PA	PA	PA	PA	PA	PA	PA	PA	PA



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	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		FCI www.fciconnect.com	
A	V90585	CHB	02/23/99		.XXX±.005/0.XX±0.13	projection		title 3P + 24S + 8P	
B	V12517	JWS	12/27/01		.XXX±.002/0.XX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
C	DG06-0011	CS	01/09/06	angles	0°±?	scale 1:1		product family PwrBlade code 213	
				dr	J. SHAFFER 12/27/01	A		size 51516 sheet 1 of 4	
				enr	J. ALLISON 12/27/01				
				chr	J. ALLISON 12/27/01				
				appd	J. ALLISON 12/27/01				
sheet index	revision	C	C	C	C				
sheet	1	2	3	4					

sheet index		revision	C	C	C	C				
sheet	1	2	3	4						

cage code 22526 4

Pro/E

PDM: Rev:C

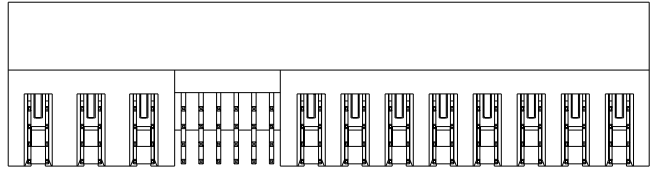
STATUS:Released

Printed: Dec 20, 2010

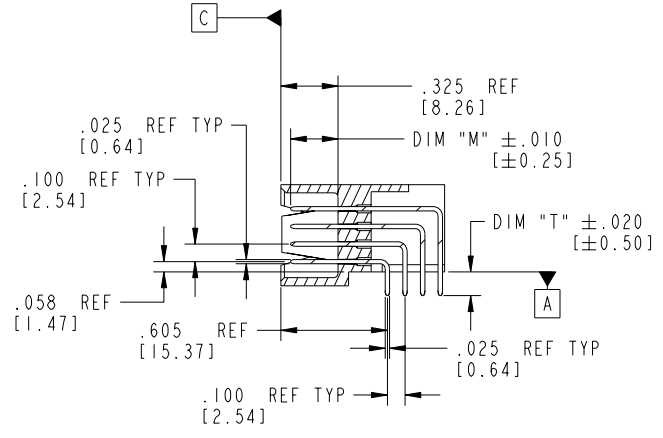
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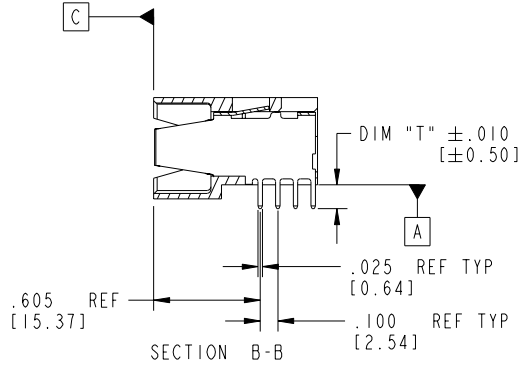
PRODUCT NUMBER
51516-001__
NOTE: 3



SECTION D-D



SECTION A-A



SECTION B-B

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

Pro/E

cage code 22526

PDM: Rev:C

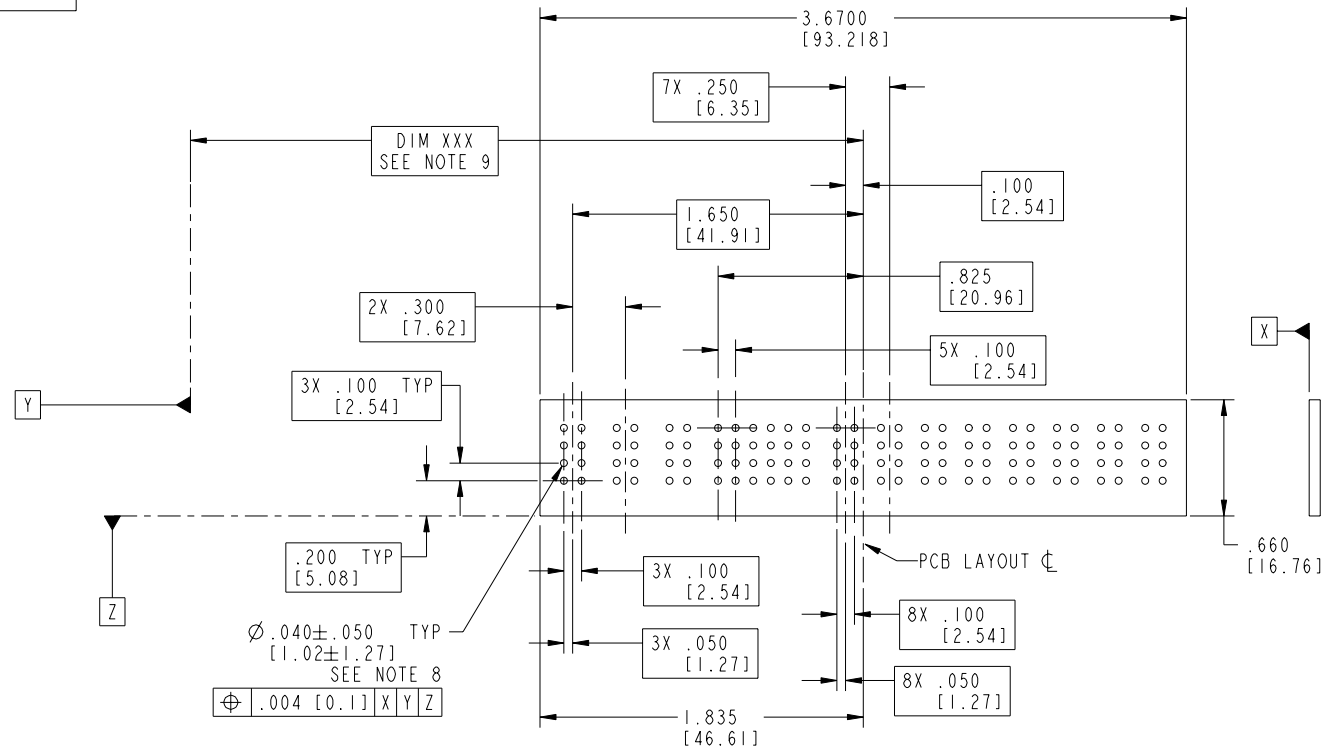
STATUS: Released

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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
C					.XXX±.005/0.XX±0.13	projection		3P + 24S + 8P	
				angles	.XXXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 12/27/01			product family	
				enr	J. ALLISON 12/27/01	INCH/MM		PwrBlade	
				chr	J. ALLISON 12/27/01	scale		code	
				appd	J. ALLISON 12/27/01	1:1		213	
sheet index		revision sheet						sheet	
								3 of 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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
C					.XXX±.005/0.XX±0.13	INCH/MM			3P + 24S + 8P
				angles	XXXX±.0020/0.XXX±0.051	scale			RIGHT ANGLE SOLDER HEADER
				dr	0° ± 2°	1:1			product family
				enr	J. SHAFFER 12/27/01				PwrBlade
				chr	J. ALLISON 12/27/01			size	code
				appd	J. ALLISON 12/27/01			dwg no	213
sheet index	revision sheet							A	51516
									4 of 4

cage code 22526 4