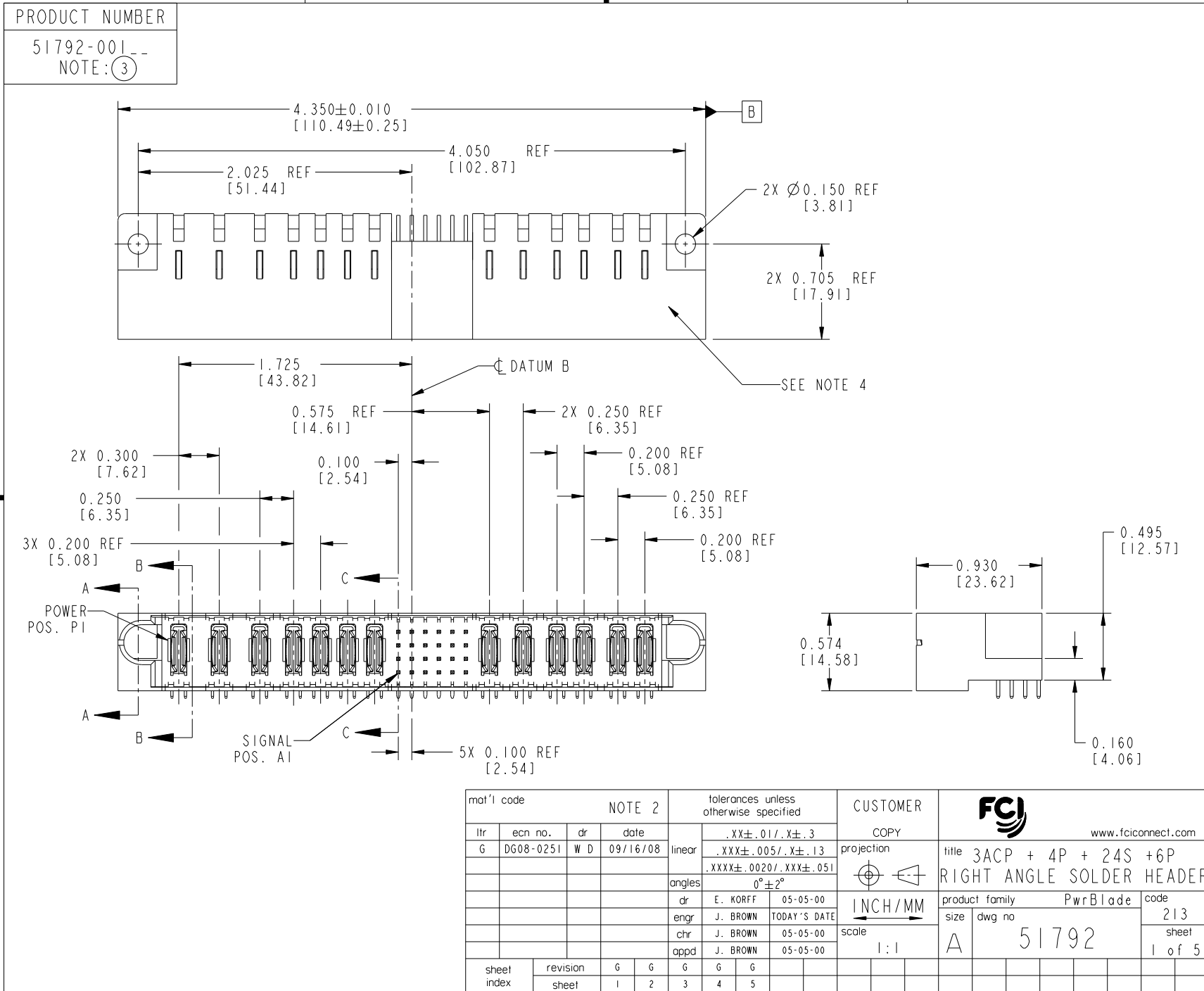


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mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		www.fciconnect.com	
G	DG08-0251	W D	09/16/08	angles	.XXX±.005/.X±.13	projection		title 3ACP + 4P + 24S + 6P	
					.XXX±.0020/.XXX±.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	scale		product family PwrBlade code	
				enrg	E. KORFF 05-05-00	1:1		size dwg no	
				chr	J. BROWN TODAY'S DATE			51792	
				appd	J. BROWN 05-05-00			sheet	
sheet index	revision sheet	G	G	G	G			1 of 5	
		1	2	3	4				

cage code 22536

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

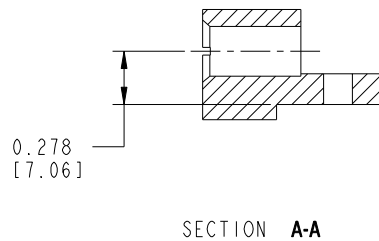
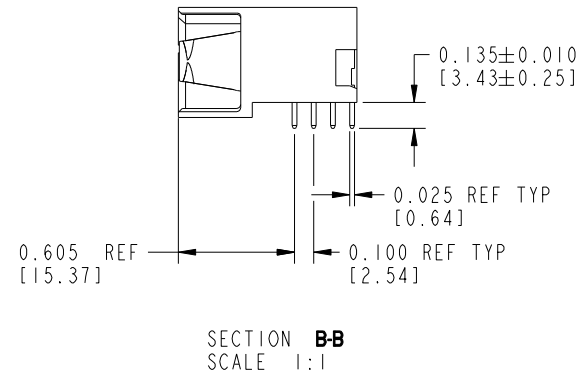
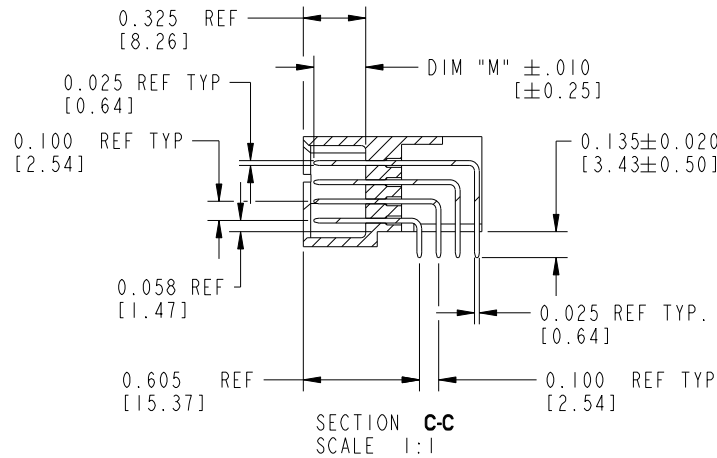
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PRODUCT NUMBER

51792-001--  
NOTE: (3)



mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		title 3ACP + 4P + 24S + 6P	
G				projection	.XXX±.005/.X±.13			RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/.XXX±.051			product family PwrBlade code 213	
				dr	0°±2°	scale 1:1		size A 51792 sheet 2 of 5	
				enr	E. KORFF 05-05-00				
				chr	J. BROWN TODAY'S DATE				
				appd	J. BROWN 05-05-00				
sheet index	revision sheet								

Pro/E

PDM: Rev:G

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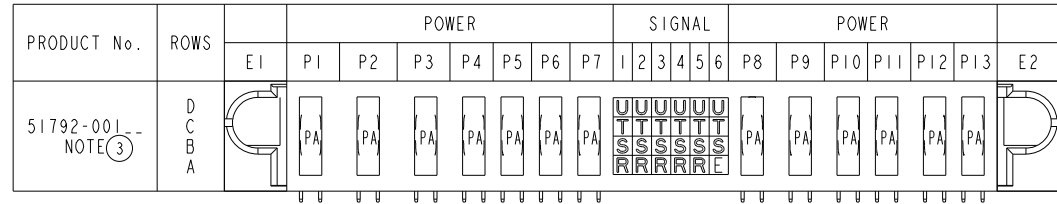
1 | 2

3 |

4

PRODUCT NUMBER  
51792-001--  
NOTE: (3)

CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PA	N/A	[N/A]	POWER
R	0.270	[6.86]	SIGNAL
S	0.270	[6.86]	SIGNAL
T	0.270	[6.86]	SIGNAL
U	0.270	[6.86]	SIGNAL
E	0.220	[5.59]	SIGNAL



A

A

B

B

1 | 2

Pro/E

PDM: Rev:G

STAT: Released

Printed: Dec 20, 2010

mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		title 3ACP + 4P + 24S + 6P	
G				projection	.XXX±.005/.X±.13			RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/.XXX±.051			product family PwrBlade code 213	
				dr	0°±2°	INCH/MM		size dwg no	
				enrg	E. KORFF 05-05-00	scale 1:1		A 51792	
				chr	J. BROWN TODAY'S DATE			sheet 3 of 5	
				appd	J. BROWN 05-05-00				
sheet index	revision sheet								

cage code 2856

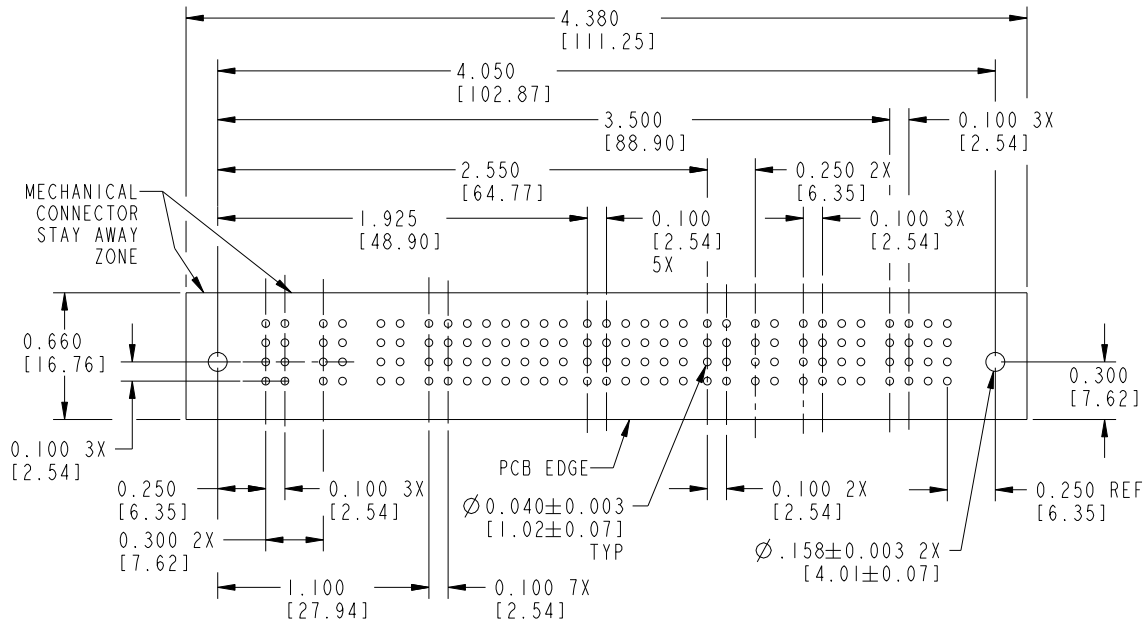
4

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PRODUCT NUMBER  
51792-001--  
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 3ACP + 4P + 24S + 6P	
G				projection	.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±.051			product family PwrBlade code 213	
				dr	0°±2°	scale 1:1		size A 51792 sheet 4 of 5	
				enr	E. KORFF 05-05-00				
				chr	J. BROWN TODAY'S DATE				
				appd	J. BROWN 05-05-00				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER  
 51792-001--  
 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 51792-001 AND 51792-001LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. Ø .0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø .040±.003 [1.02±.07] HOLE.

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

10. CONNECTOR KEEP-OUT ZONE.

11. △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code		NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCJ			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com		
G					.XXX±.005/0.XX±0.13		projection		title 3ACP + 4P + 24S + 6P		
					.XXX±.0020/0.XXX±.051		INCH/MM		RIGHT ANGLE SOLDER HEADER		
				angles	0°±2°		INCH/MM		product family PwrBlade code		
				dr	E. KORFF	05-05-00	scale		size		
				engr	J. BROWN	TODAY'S DATE	1:1		dwg no		
				chr	J. BROWN	05-05-00	A		213		
				appd	J. BROWN	05-05-00	51792		sheet		
sheet index		revision sheet						5 of 5			

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