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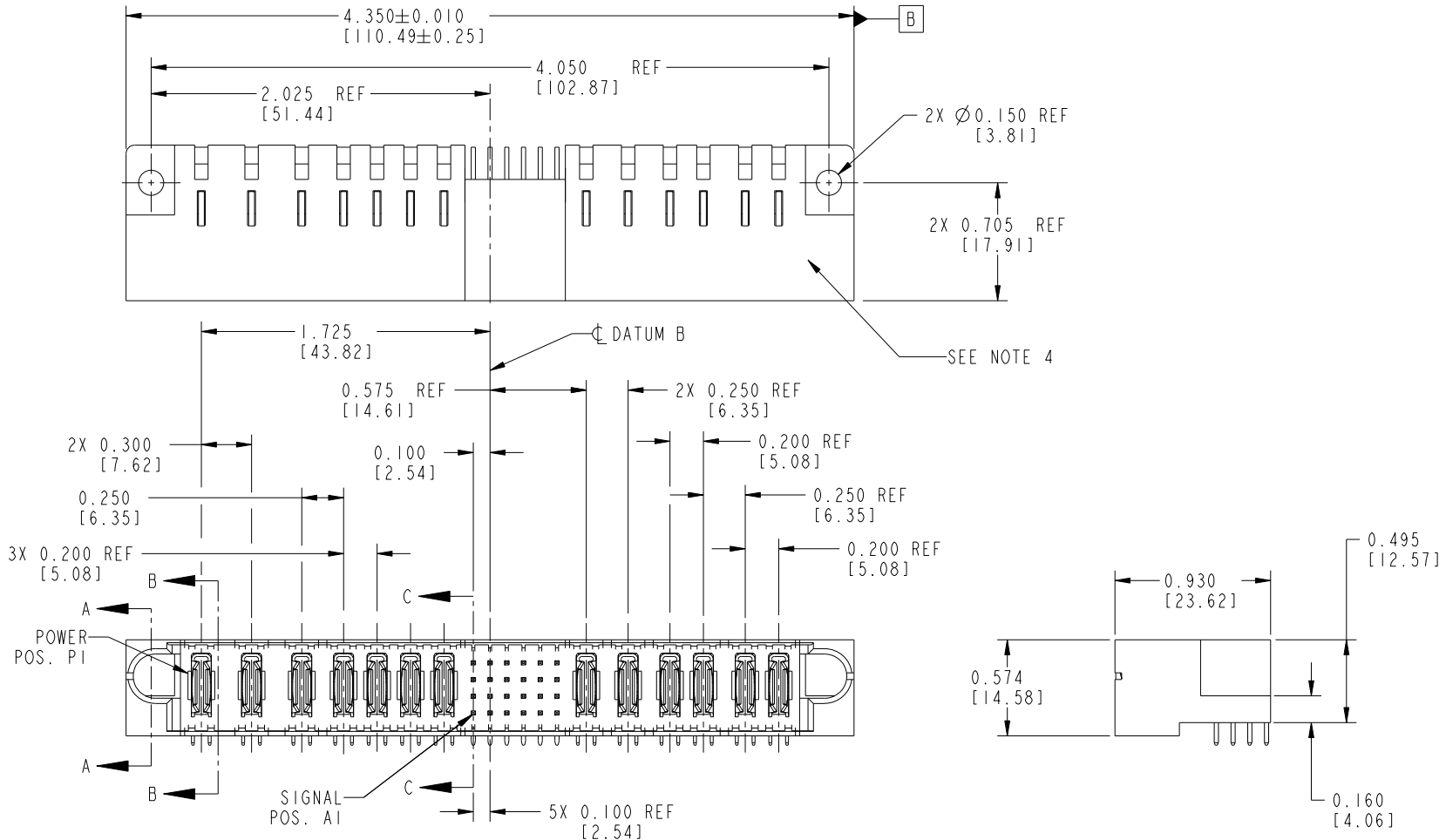
1 | 2

3 |

4

PRODUCT NUMBER

51792-001--
NOTE: (3)



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	DG08-0251	W D	09/16/08		.XXX±.005/.X±.13			projection			RIGHT ANGLE SOLDER HEADER					
					.XXX±.0020/.XXX±.051											
				angles	0°±2°						product family PwrBlade					code
				dr	E. KORFF	05-05-00					size	dwg no		213		
				enrg	J. BROWN	TODAY'S DATE							sheet			
				chr	J. BROWN	05-05-00		scale 1:1		A	51792		1 of 5			
				appd	J. BROWN	05-05-00										
sheet index		revision sheet		G	G	G	G									
				1	2	3	4	5								

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Pro/E

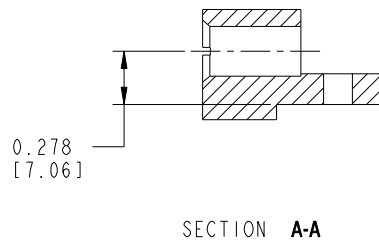
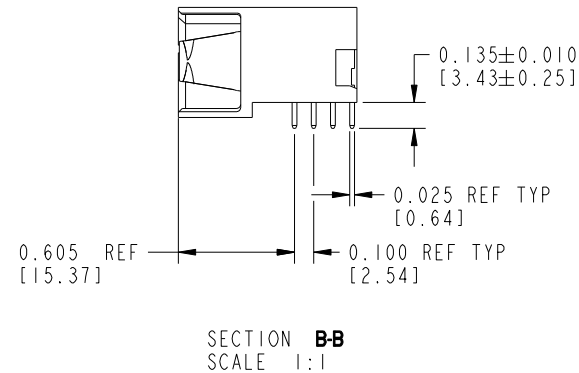
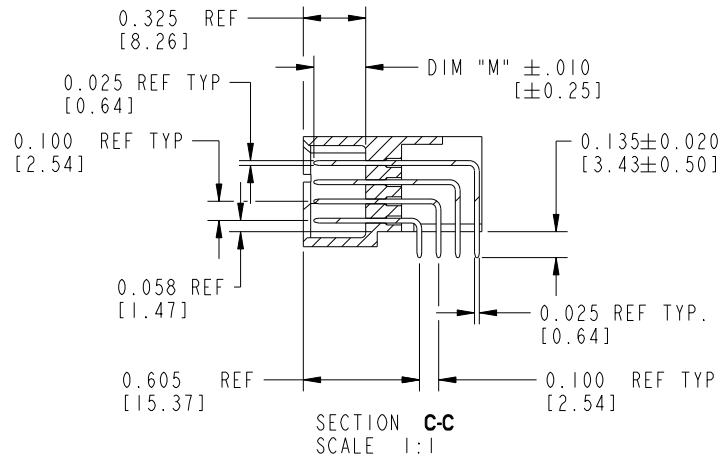
PDM: Rev:G

STATUS: Released

Printed: Sep 21, 2008



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



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



PRODUCT NUMBER
51792-001--
NOTE: ③

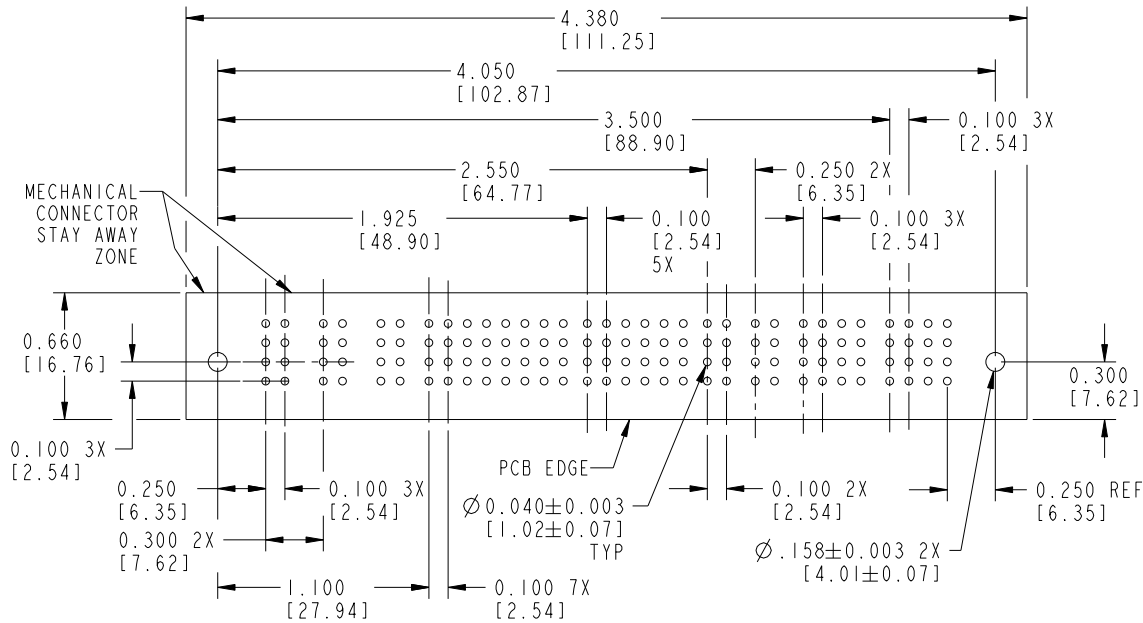
CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PA	N/A	[N/A]	POWER
R	0.270	[6.86]	SIGNAL
S	0.270	[6.86]	SIGNAL
T	0.270	[6.86]	SIGNAL
U	0.270	[6.86]	SIGNAL
E	0.220	[5.59]	SIGNAL

PRODUCT No.	ROWS		POWER							SIGNAL						POWER						
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12	P13	E2
51792-001-- NOTE③	D C B A		PA	PA	PA	PA	PA	PA	PA	UUUUUU	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	PA	PA	PA	PA	PA	PA	
			UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	

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 RIGHT ANGLE SOLDER HEADER					
G					.XXX±.005/.X±.13				projection													
					.XXX±.0020/.XXX±.051				INCH/MM													
					angles 0°±2°				scale 1:1													
				dr	E. KORFF		05-05-00						product family PwrBlade				code 213					
				enr	J. BROWN		TODAY'S DATE						size		dwg no		sheet					
				chr	J. BROWN		05-05-00						A		51792		3 of 5					
				appd	J. BROWN		05-05-00															
sheet index		revision sheet																				



PRODUCT NUMBER
51792-001--
NOTE: ③



RECOMMENDED PCB LAYOUT

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



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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 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. $\varnothing .0453 \pm 0.0010$ [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
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] HOLE.
9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
10. CONNECTOR KEEP-OUT ZONE.
11. A ③ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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

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1 | 2

Pro/E

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