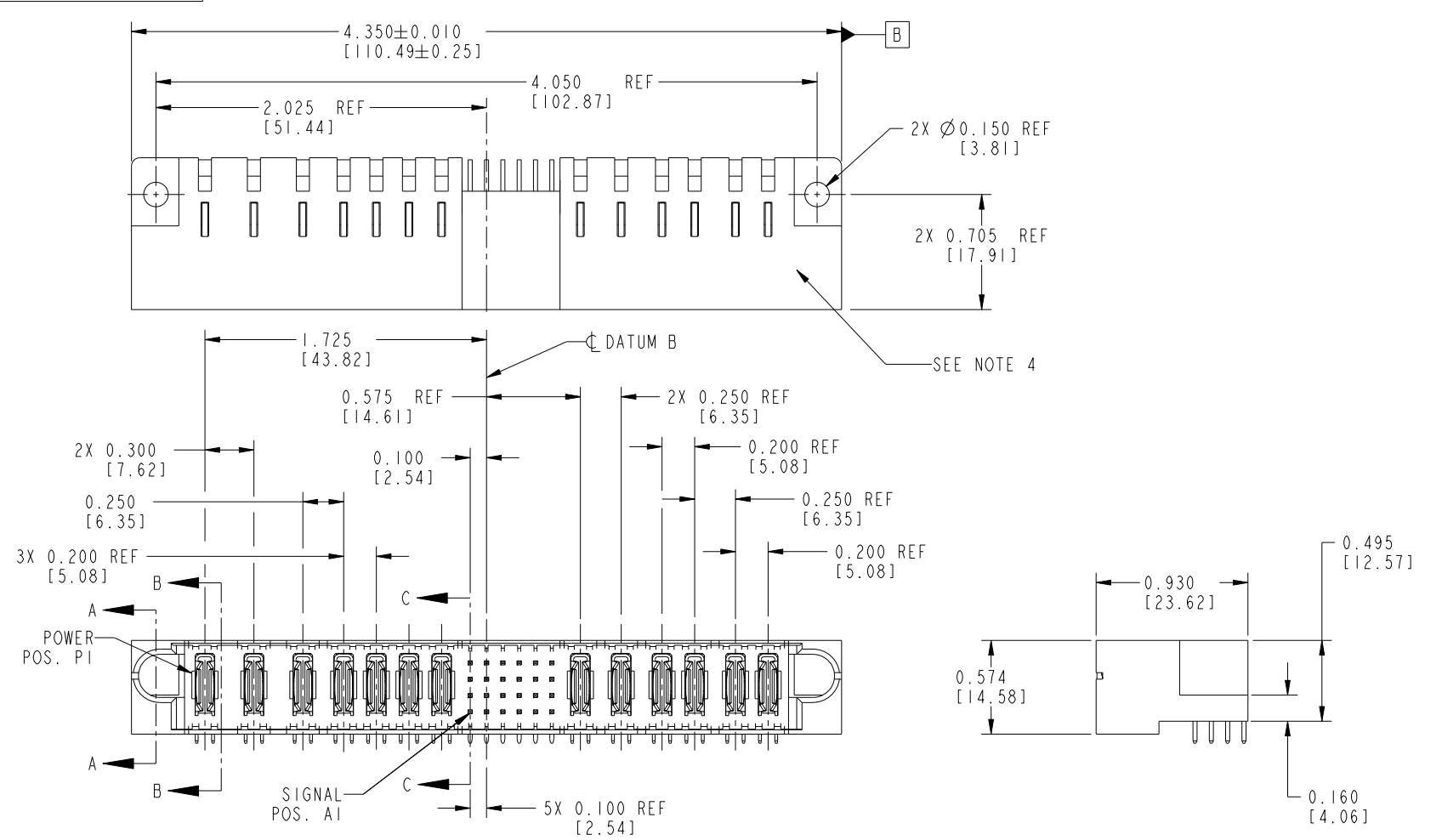


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PRODUCT NUMBER
51792-001--
NOTE: (3)

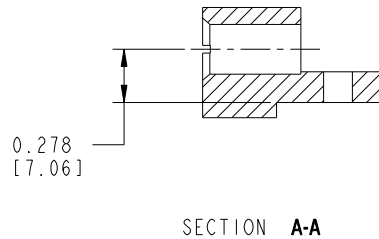
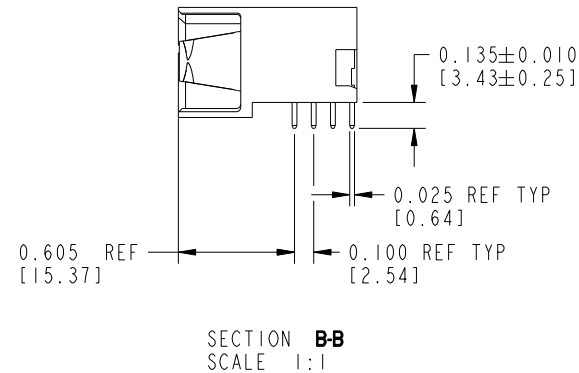
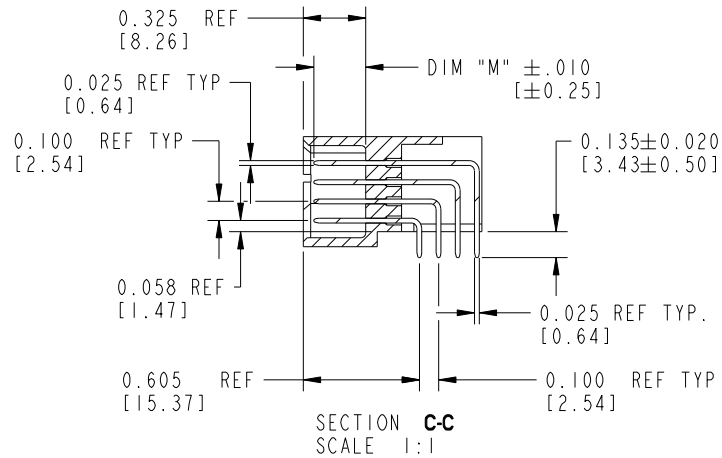


mat'l code				NOTE 2				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com															
ltr		ecr no.		dr		date		linear		.XX±.01/.X±.3				projection 		title 3ACP + 4P + 24S + 6P RIGHT ANGLE SOLDER HEADER															
G		DG08-0251		W D		09/16/08				.XXX±.005/.X±.13																					
										.XXX±.0020/.XXX±.051																					
								angles		0°±2°						product family PwrBlade code size dwg no 213 A 51792 sheet 1 of 5															
										dr E. KORFF 05-05-00																					
										enrg J. BROWN TODAY'S DATE																					
										chr J. BROWN 05-05-00				scale 1:1																	
								appd J. BROWN 05-05-00																							
sheet index		revision sheet		G		G		G		G																					
				1		2		3		4		5																			

cage code 22526

STAT: Released Printed: Dec 20, 2010

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



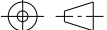
mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	COPY	www.fciconnect.com		title 3ACP + 4P + 24S +6P	
G				angles	.XXX±.005/.X±.13	INCH/MM		RIGHT ANGLE SOLDER HEADER		product family PwrBlade	
				dr	.XXX±.0020/.XXX±.051	scale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

www.fciconnect.com

title 3ACP + 4P + 24S + 6P
RIGHT ANGLE SOLDER HEADER

product family PwrBlade

code 213

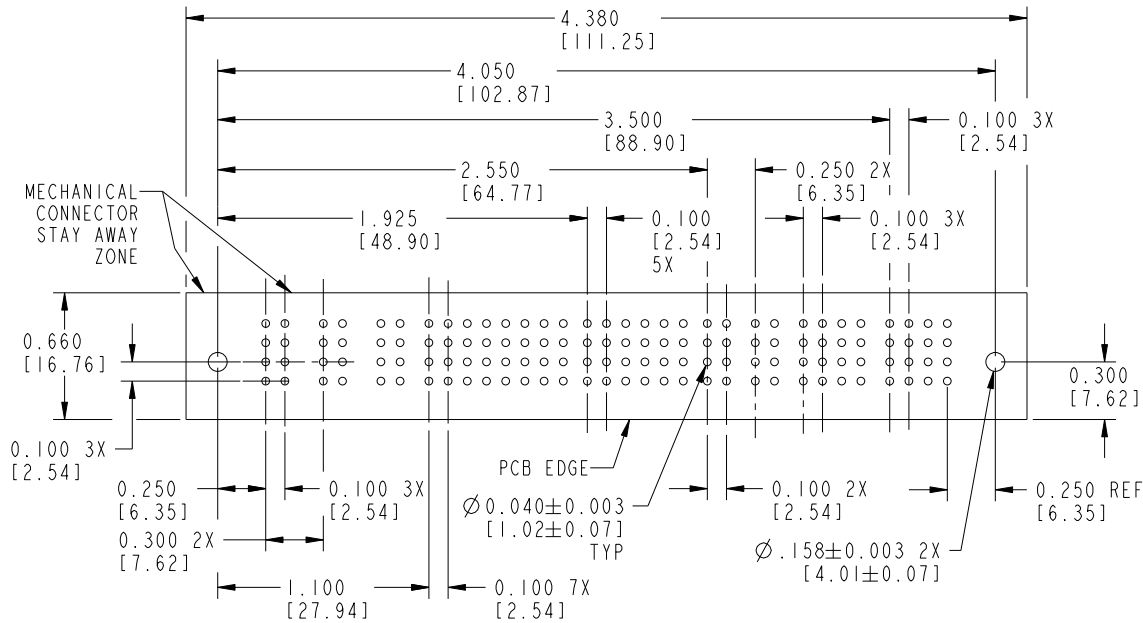
size A

dwg no 51792

sheet 3 of 5



PRODUCT NUMBER
51792-001--
NOTE: ③



RECOMMENDED PCB LAYOUT

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



1 | 2

3

4

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. $\varnothing .0453 \pm 0.0010$ [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 △ 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		FCI	
ltr	ecn no.	dr	date			.XX±.01/0.X±0.3	COPY		www.fciconnect.com		
G				linear		.XXX±.005/0.XX±0.13	projection		title 3ACP + 4P + 24S +6P		
						.XXX±.0020/0.XXX±.051			RIGHT ANGLE SOLDER HEADER		
				angles		0°±2°			product family PwrBlade		
				dr	E. KORFF	05-05-00	INCH/MM		code		
				engr	J. BROWN	TODAY'S DATE	scale		size		
				chr	J. BROWN	05-05-00	1:1		dwg no		
				appd	J. BROWN	05-05-00			A		
sheet index		revision sheet							51792		
									213		
									5 of 5		

1 | 2

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010