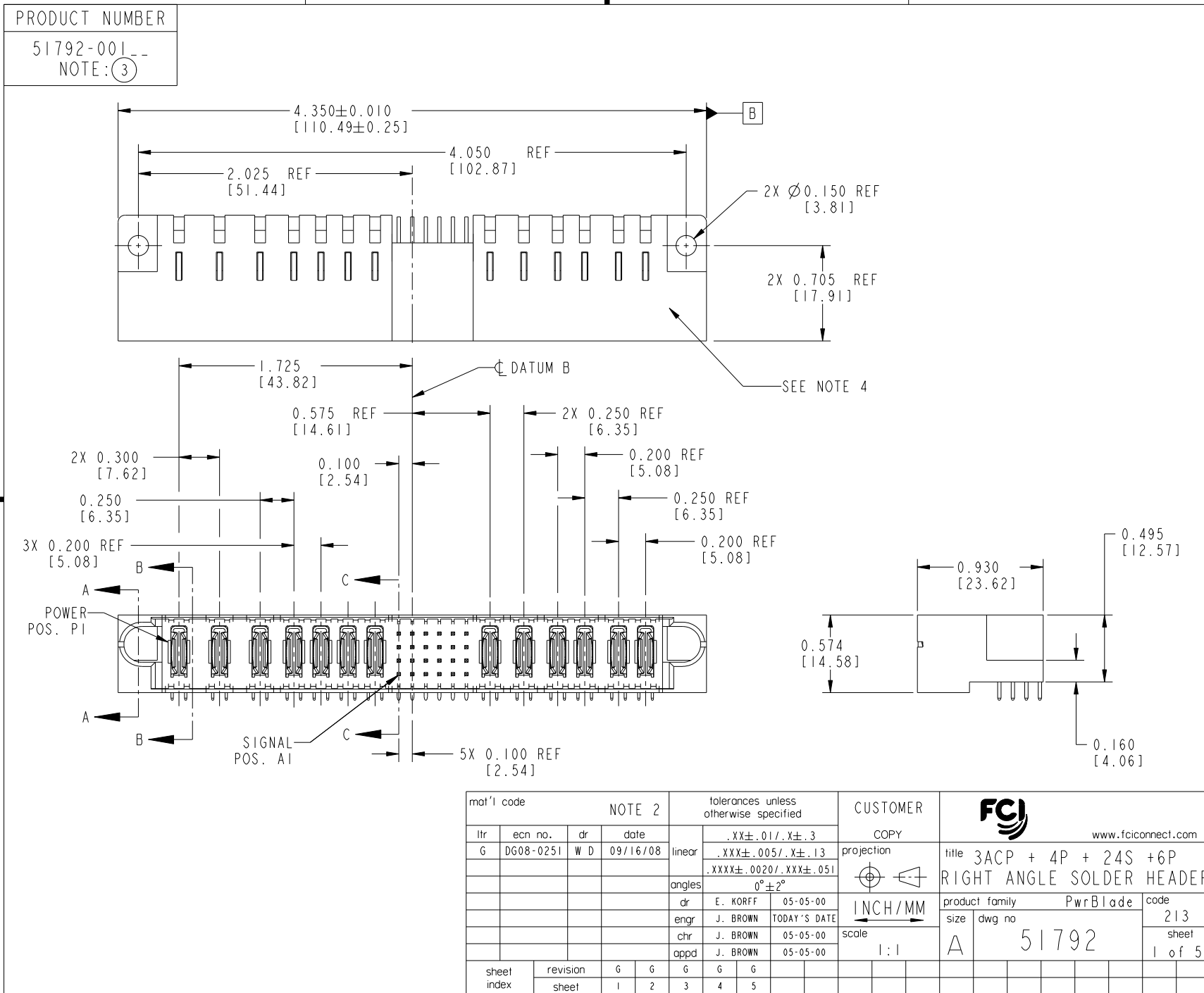
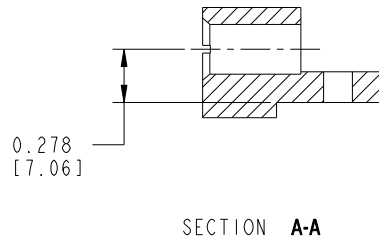
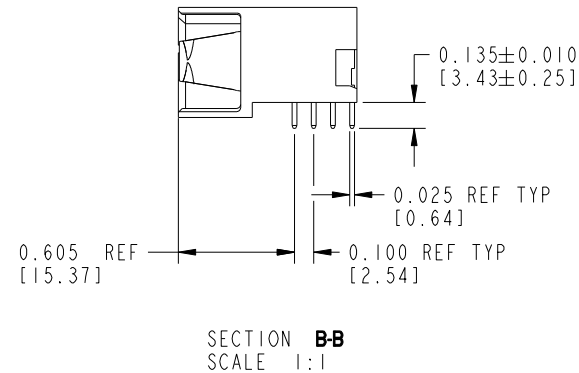
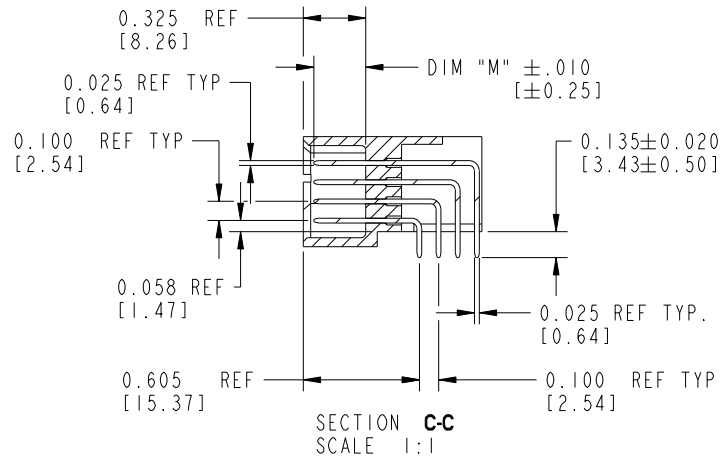




PRODUCT NUMBER
51792-001--
NOTE: (3)



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr 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	
				enr	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

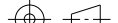
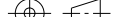
CODE

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					E2			
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10		P11	P12	P13
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	
			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	

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



www.fciconnect.com

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

product family PwrBlade code 213
size dwg no 51792 sheet 3 of 5

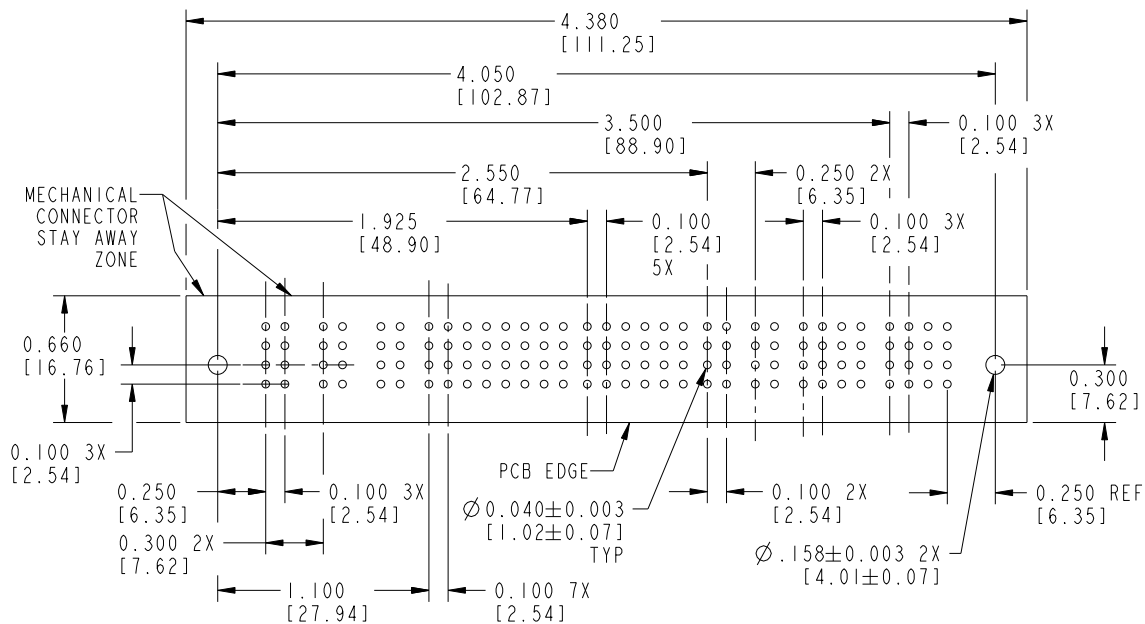
cage code 28506
STAT: Released

Printed: Dec 20, 2010



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 $\pm$.01/0.X $\pm$ 0.3		COPY		projection 		title 3ACP + 4P + 24S + 6P RIGHT ANGLE SOLDER HEADER		
G					.XXX $\pm$.005/0.XX $\pm$ 0.13		INCH/MM						
					.XXX $\pm$.0020/0.XXX $\pm$.051		scale 1:1						
				angles	0° $\pm$ 2°						product family PwrBlade		
				dr	E. KORFF	05-05-00					code 213		
				enr	J. BROWN	TODAY'S DATE					sheet 4 of 5		
				chr	J. BROWN	05-05-00							
				appd	J. BROWN	05-05-00							
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 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 $\pm$ 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.

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

1 | 2

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[51792-001LF](#) [51792-001](#)