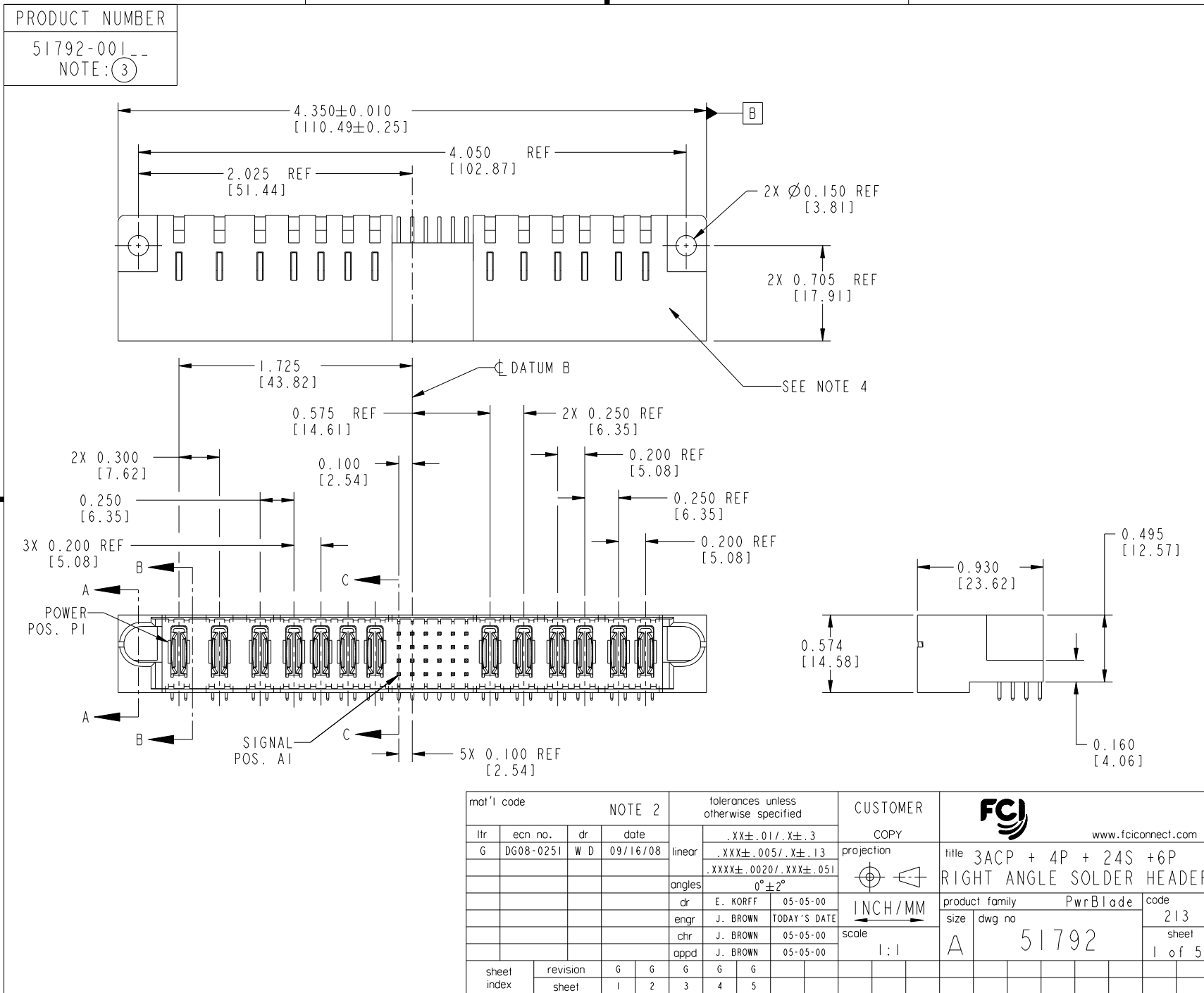
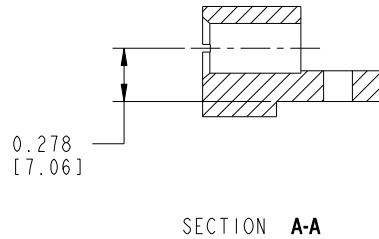
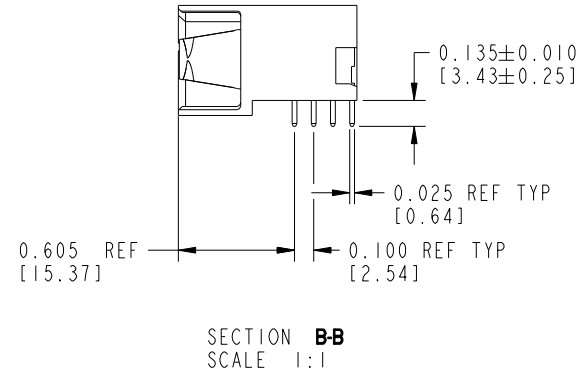
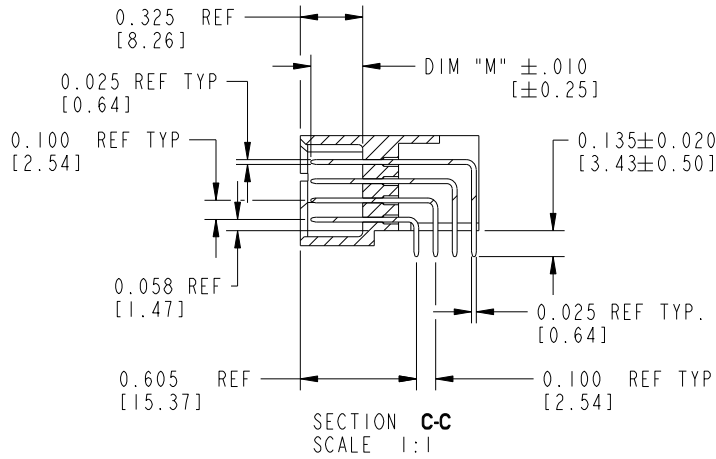






PRODUCT NUMBER
51792-001--
NOTE: (3)



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	
				enrg	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

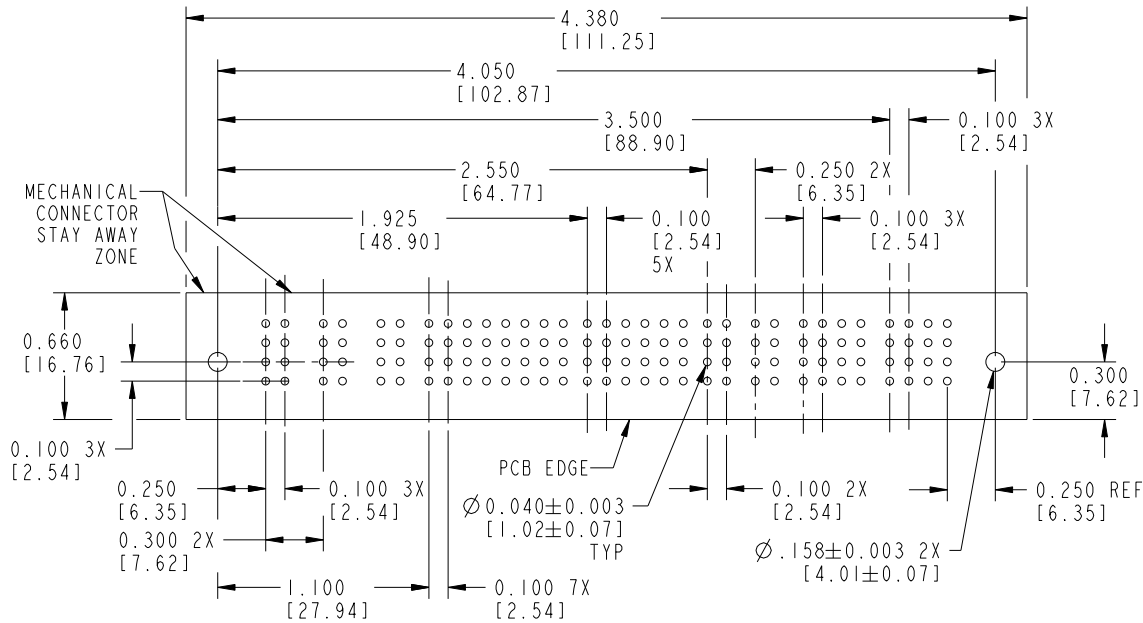
CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PA	N/A	[N/A]	POWER
R	0.270	[6.86]	SIGNAL
S	0.270	[6.86]	SIGNAL
T	0.270	[6.86]	SIGNAL
U	0.270	[6.86]	SIGNAL
E	0.220	[5.59]	SIGNAL

PRODUCT No.	ROWS	POWER							SIGNAL						POWER						E2	
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	P8	P9	P10	P11	P12		P13
51792-001-- NOTE ③	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					title 3ACP + 4P + 24S + 6P RIGHT ANGLE SOLDER HEADER						
G					. XXX±. 005 / . X±. 13															
					. XXXX±. 0020 / . XXX±. 051															
				angles	0°±2°								product family PwrBlade				code			
				dr	E. KORFF 05-05-00				scale 1:1				size				213			
				enrg	J. BROWN TODAY'S DATE								dwg no				sheet			
				chr	J. BROWN 05-05-00								A				51792			
				appd	J. BROWN 05-05-00								3 of 5							
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										



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

B

B

1 | 2

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51792-001LF](#)