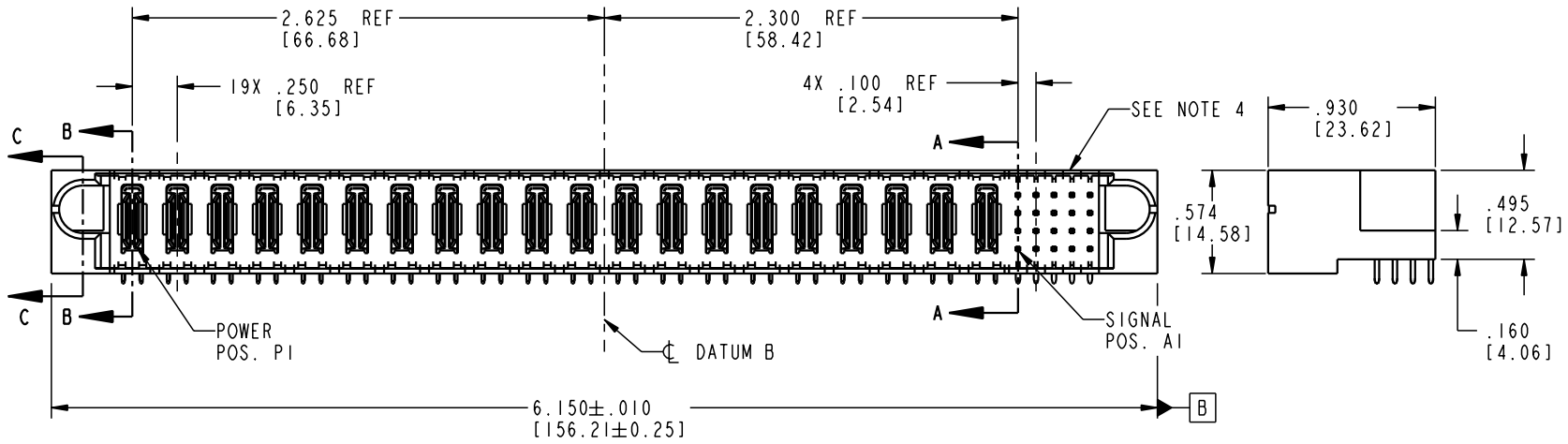
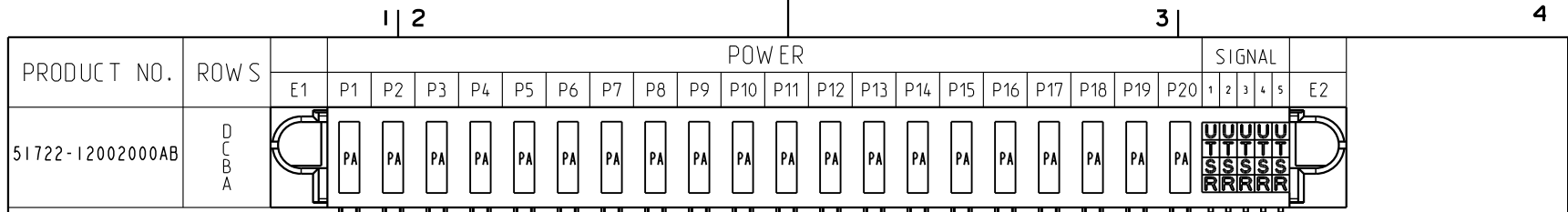


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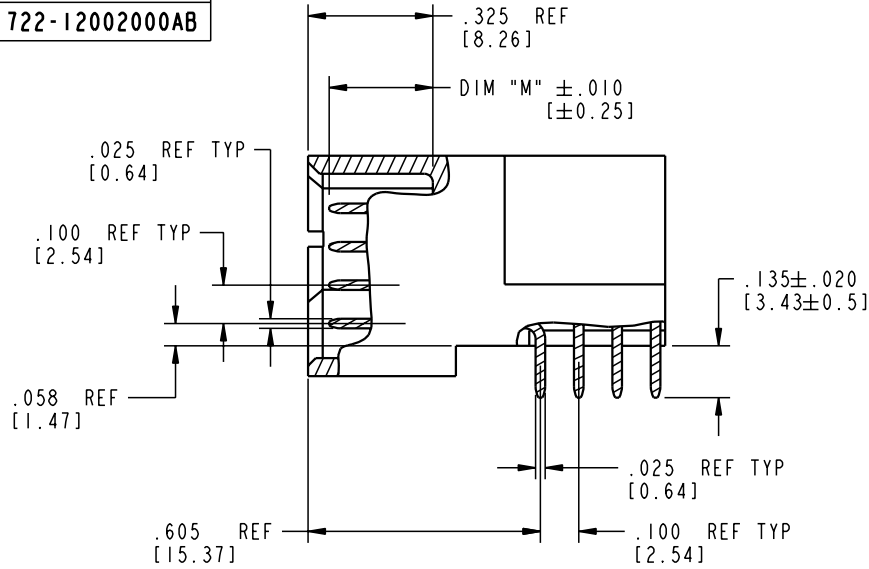
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		 title 20P + 20S RIGHT ANGLE SOLDER HEADER product family PwrBlade code 213 size dwg no A 51722-12002000AB sheet 1 of 4		
A	V21523	CGD	09/23/02		.XXX±.005/0.XX±0.13		projection				
B	V04-0035	TAB	01/16/04		.XXX±.0020/0.XXX±0.051		 INCH/MM scale 1:1				
				angles	0° ± 2°						
				dr	C. DAILY	09/23/02					
				enr	M. MOSTOLLER	09/23/02					
				chr	M. MOSTOLLER	09/23/02					
				appd	M. MOSTOLLER	09/23/02					
sheet index	revision sheet	B 1	B 2	B 3	B 4						

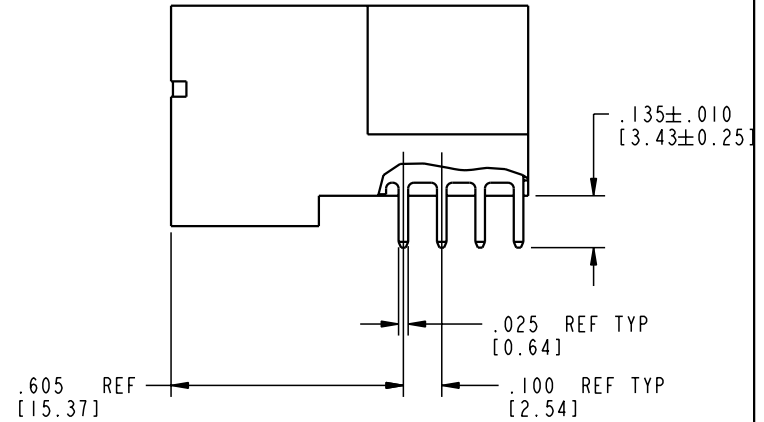
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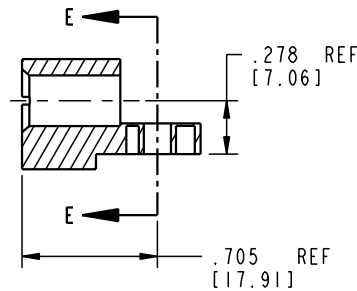
PRODUCT NUMBER  
51722-12002000AB



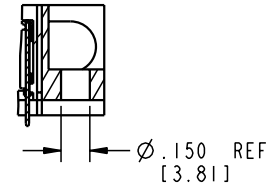
BROKEN-OUT SECTION A-A  
SCALE 2:1




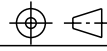
BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title		
B					.XXX±.005/0.XX±0.13		projection		20P + 20S		
					.XXXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER		
				angles	0° ± 2°		INCH/MM		product family		code
				dr	C. DAILY	09/23/02	scale		PwrBlade		213
				enr	M. MOSTOLLER	09/23/02	1:1		size		sheet
				chr	M. MOSTOLLER	09/23/02			A 51722-12002000AB		2 of 4
				appd	M. MOSTOLLER	09/23/02					
sheet index	revision sheet										

Pro/E

cage code 22526

PDM: Rev:B

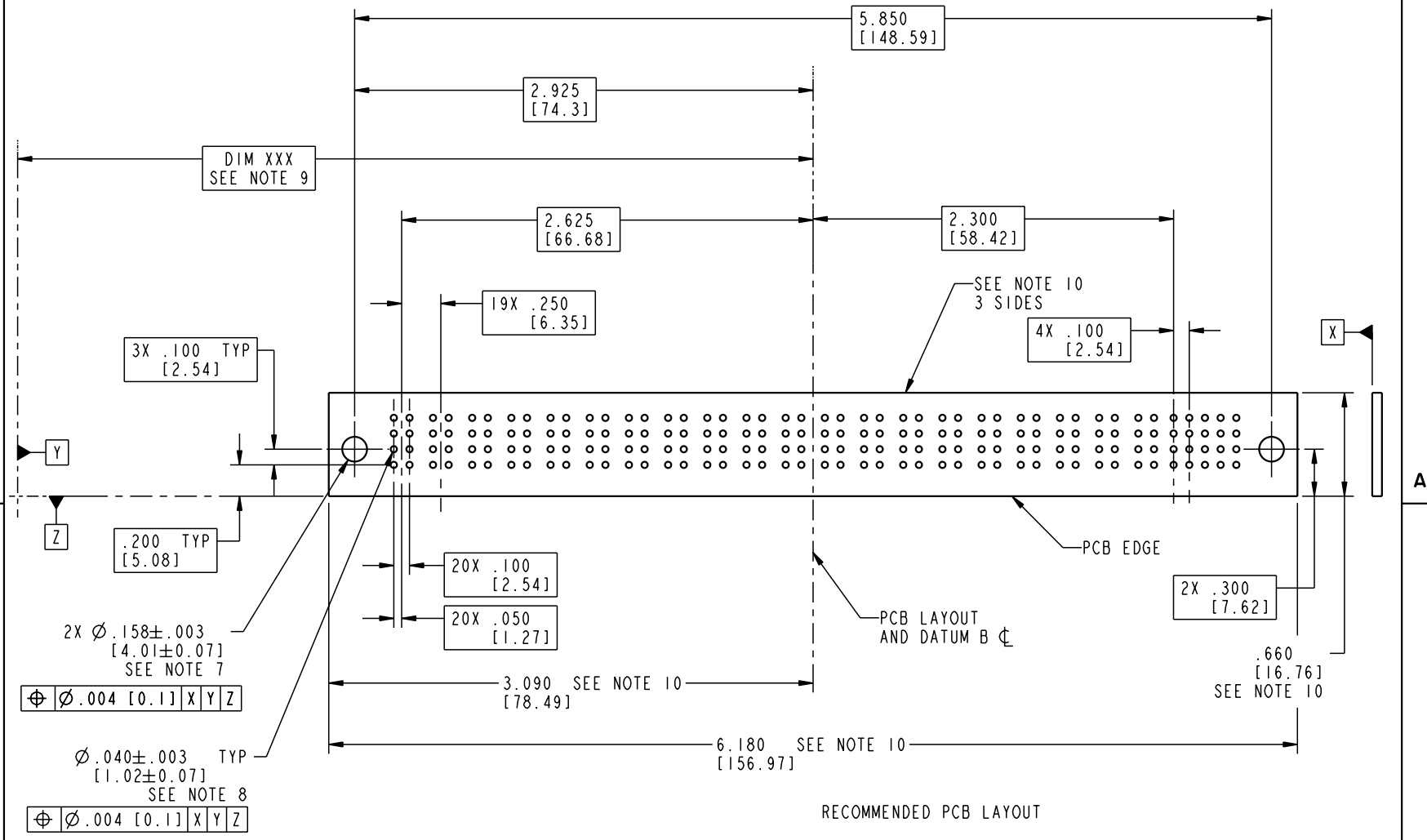
STATUS: Released

Printed: Aug 12, 2007

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PRODUCT NUMBER  
51722-12002000AB



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title		
B					.XXX±.005/0.XX±0.13		projection		20P + 20S		
					.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER		
				angles	0° ± 2°		INCH/MM		product family		code
				dr	C. DAILY	09/23/02	scale		PwrBlade		213
				engr	M. MOSTOLLER	09/23/02	1:1		size		sheet
				chr	M. MOSTOLLER	09/23/02			51722-12002000AB		3 of 4
				appd	M. MOSTOLLER	09/23/02					
sheet index	revision sheet										

cage code 22526

Pro/E

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**A**  
**FCI**

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**B**

PRODUCT NUMBER  
**51722-12002000AB**

NOTES:


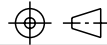
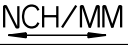
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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. PLATING:  
SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni  
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL  
WITH 30u"/0.76um Au ON CONTACT AREA  
AND SnPb ON PCB INTERFACE
- 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.  $\varnothing .0453 \pm .0010$  [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.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 <b>FCI</b> www.fciconnect.com	
ltr	ecm no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
B				projection	.XXX±.005/0.XX±0.13			title <b>20P + 20S RIGHT ANGLE SOLDER HEADER</b>	
				angles	.XXX±.0020/0.XXX±0.051			product family PwrBlade code 213	
				dr	C. DAILY 09/23/02	scale 1:1		size A 51722-12002000AB sheet 4 of 4	
				enr	M. MOSTOLLER 09/23/02				
				chr	M. MOSTOLLER 09/23/02				
				appd	M. MOSTOLLER 09/23/02				
sheet index	revision sheet								

**A**

**B**

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code **22526**

4

**PDM: Rev:B**

STATUS: **Released**

Printed: Aug 12, 2007