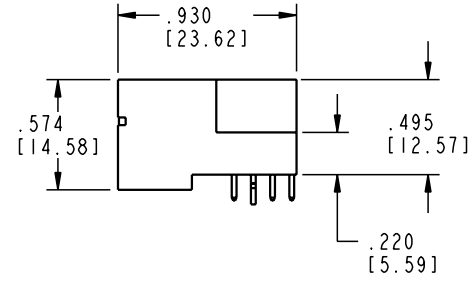
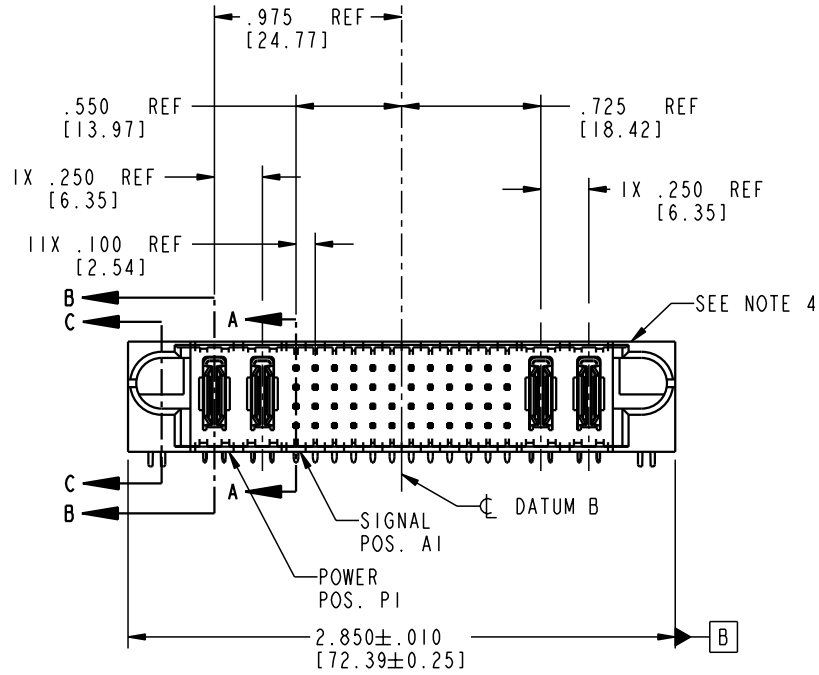
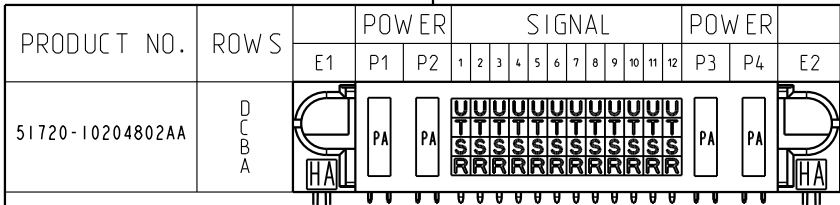


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**FCI**



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
HA	N/A [N/A]	HOLD-DOWN

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		
A	V20986	JWS	06-04-02		.XXX±.005/0.XX±0.13		projection		2P + 48S + 2P		
				angles	.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER		
				dr	J. SHAFFER	06-04-02	INCH/MM		product family		code
				engr	M. MOSTOLLER	06-04-02			PwrBlade		213
				chr	M. MOSTOLLER	06-04-02	scale		size		sheet
				appd	M. MOSTOLLER	06-04-02	1:1		A 51720-10204802AA		1 of 4
sheet index	revision sheet	A	A	A	A	A					
		1	2	3	4						

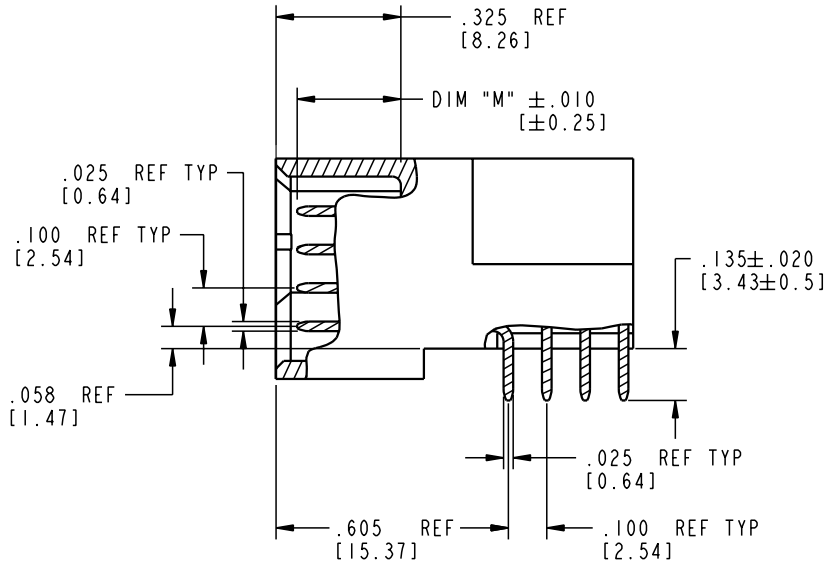
Pro/E

cage code 22526

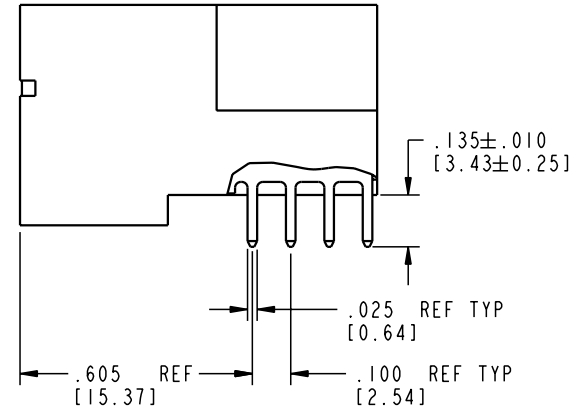
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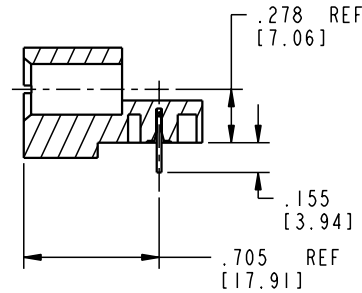
PRODUCT NUMBER  
51720-10204802AA





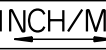
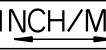
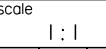
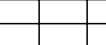

BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C

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	projection		COPY		title	
A				angles	.XXX±.005/0.XX±0.13			INCH/MM		2P + 48S + 2P	
				dr	.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				engr	J. SHAFFER 06-04-02			product family		PwrBlade code	
				chr	M. MOSTOLLER 06-04-02			size		213	
				appd	M. MOSTOLLER 06-04-02			size		2 of 4	
sheet index		revision sheet				scale		A		sheet	
						1:1		51720-10204802AA		2 of 4	

Pro/E

cage code 22526

PDM: Rev:A

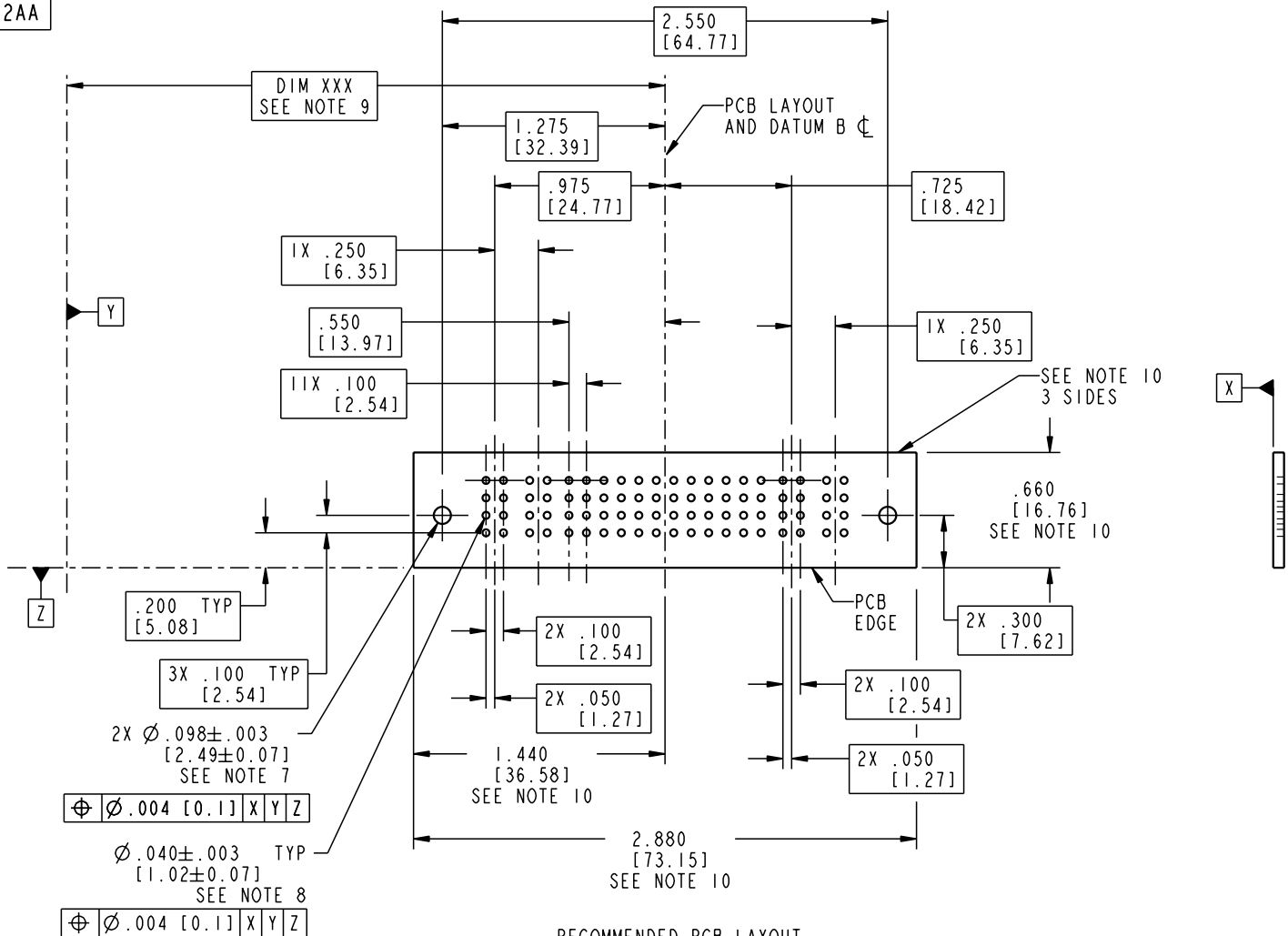
STATUS: Released

Printed: Aug 12, 2007

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51720-10204802AA



RECOMMENDED PCB LAYOUT

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	projection		COPY		title	
A				angles	.XXX±.005/0.XX±0.13					2P + 48S + 2P	
				dr	.XXX±.0020/0.XXX±0.051			product family		code	
				enr	J. SHAFFER 06-04-02	scale		PwrBlade		213	
				chr	M. MOSTOLLER 06-04-02	1:1		size		sheet	
				appd	M. MOSTOLLER 06-04-02			A		3 of 4	
sheet index		revision sheet									

cage code 22526

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**A**  
**FCI**

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**B**

PRODUCT NUMBER  
51720-10204802AA

NOTES:


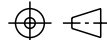
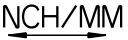
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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.  $\varnothing .0453 \pm 0.0010$  [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.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 <b>FCI</b> www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
A				projection	.XXX±.005/0.XX±0.13			title 2P + 48S + 2P	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 06-04-02	INCH/MM		product family PwrBlade code	
				enr	M. MOSTOLLER 06-04-02	scale		size 213	
				chr	M. MOSTOLLER 06-04-02	1:1		sheet 4 of 4	
				appd	M. MOSTOLLER 06-04-02			A 51720-10204802AA	
sheet index	revision sheet								

**A**

**B**

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4