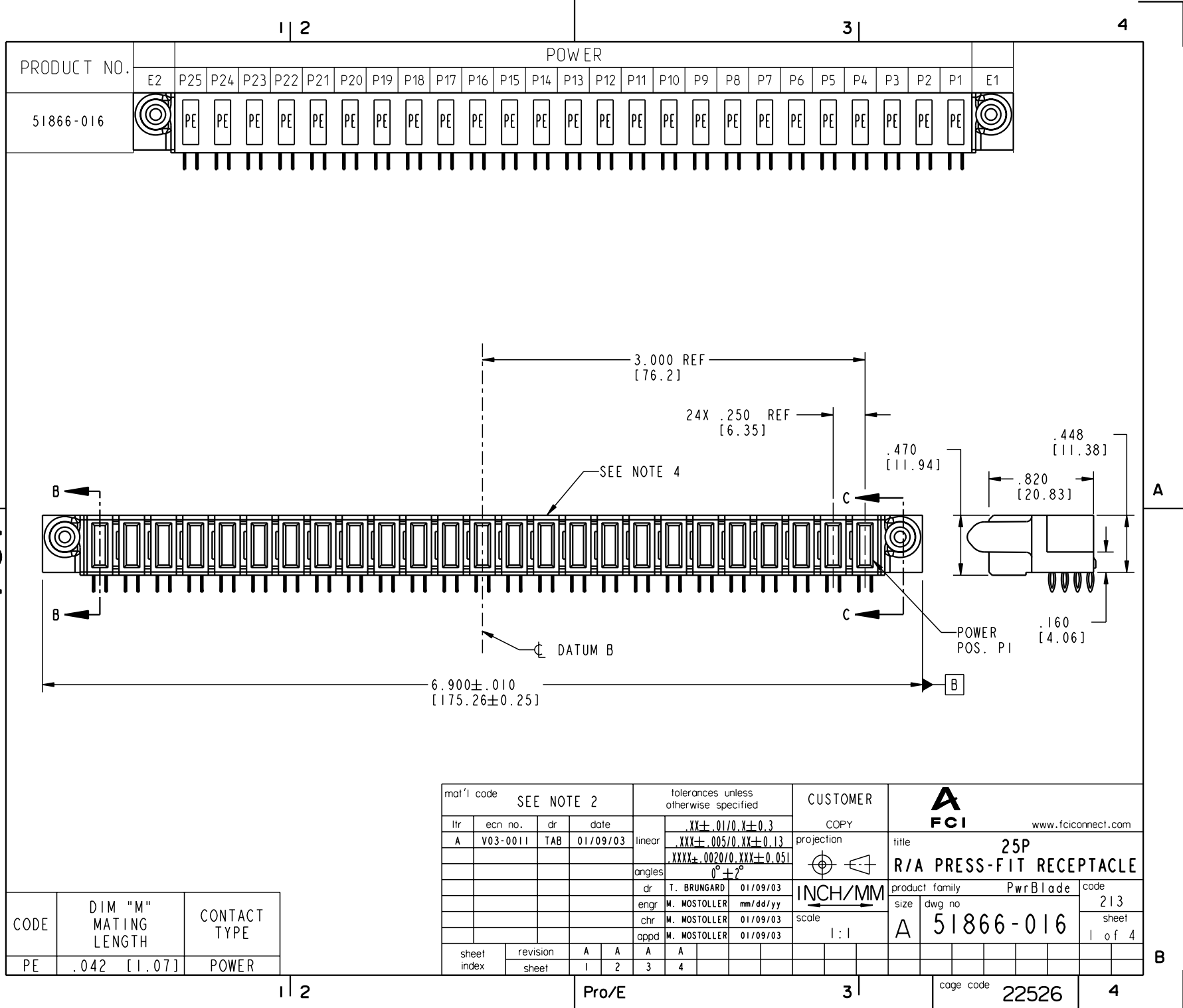


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FCI

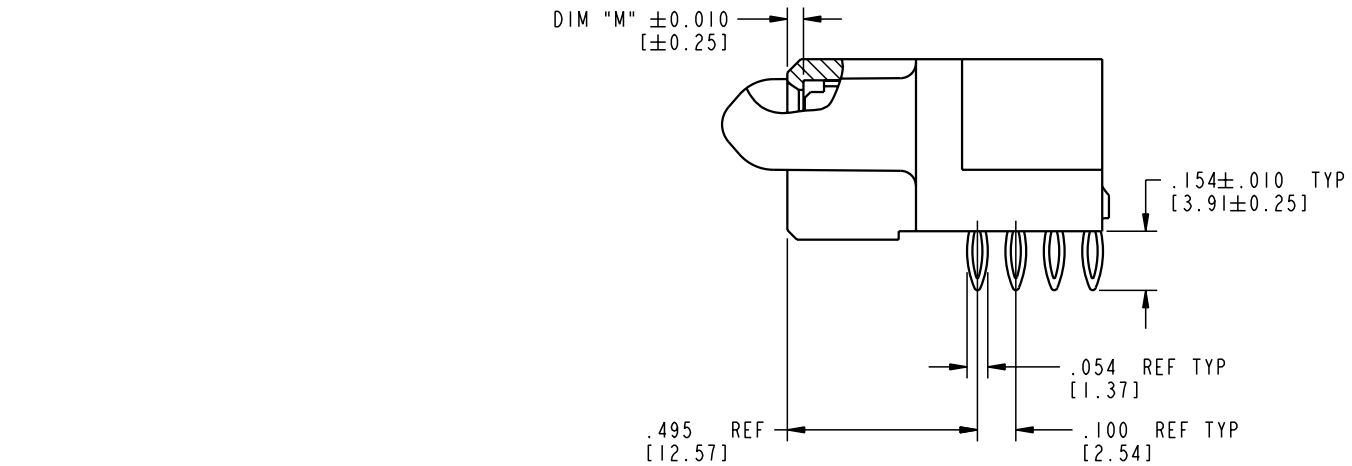
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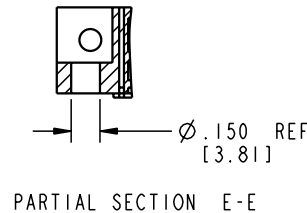
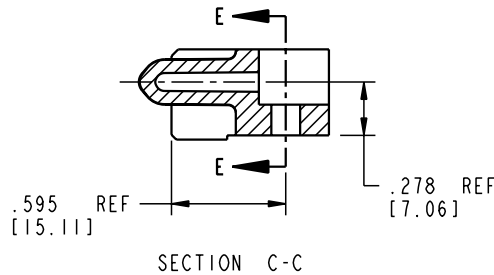
A
FCI

B

PRODUCT NUMBER
51866-016



BROKEN-OUT SECTION B-B
SCALE 2:1



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com								
ltr		ecn no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				projection							
A									.XXX±.005/0.XX±0.13															
									.XXXX±.0020/0.XXX±0.051															
								angles	0°±2°				INCH/MM				product family PwrBlade				code 213			
								dr	T. BRUNGARD 01/09/03															
								enr	M. MOSTOLLER mm/dd/yy															
								chr	M. MOSTOLLER 01/09/03				scale 1:1				A 51866-016				sheet 2 of 4			
								appd	M. MOSTOLLER 01/09/03															
sheet index		revision sheet																						

Pro/E

3

cage code
22526

4

PDM: Rev:A

STATUS: Released

Printed: Aug 14, 2007

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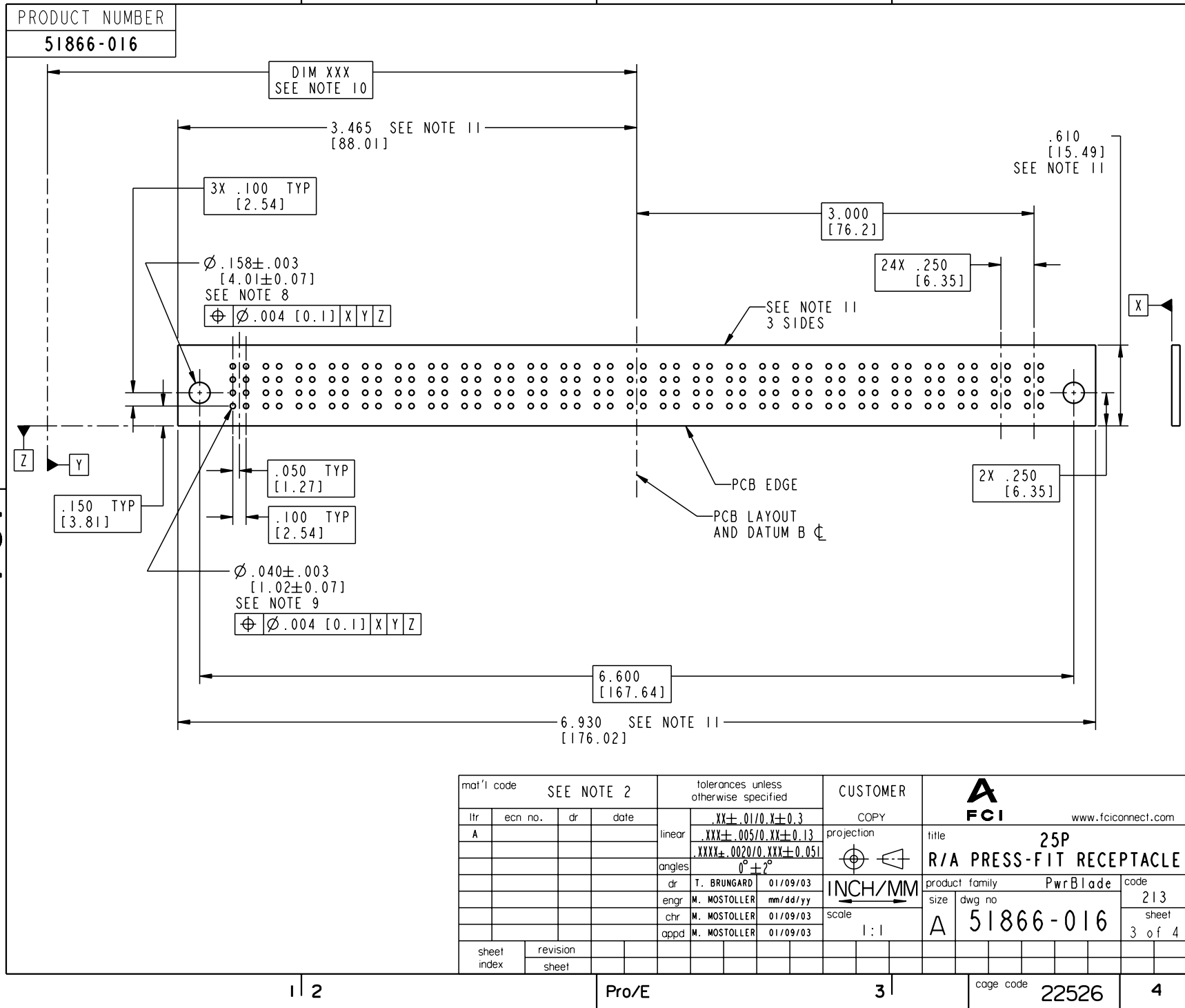
A
FCI

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A

FCI

B



A

B

Pro/E

3

4

PDM: Rev:A

STATUS: **Released**

Printed: Aug 14, 2007

PRODUCT NUMBER
51866-016

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.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

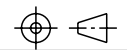
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [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.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. USE FCI CAM TOOL 430140-XXX
TO APPLY CONNECTOR TO PCB.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY		 INCH/MM scale 1:1		
A					.XXX $\pm$.005/0.XX $\pm$ 0.13						
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051						
				angles	0 $^{\circ}$ + 2 $^{\circ}$				title 25P R/A PRESS-FIT RECEPTACLE		
				dr	T. BRUNGARD	01/09/03			product family PwrBlade		code
				enr	M. MOSTOLLER	mm/dd/yy			size dwg no		213
				chr	M. MOSTOLLER	01/09/03			A 51866-016		sheet
				appd	M. MOSTOLLER	01/09/03					4 of 4
sheet index		revision sheet									