

Printed: Dec 20, 2010

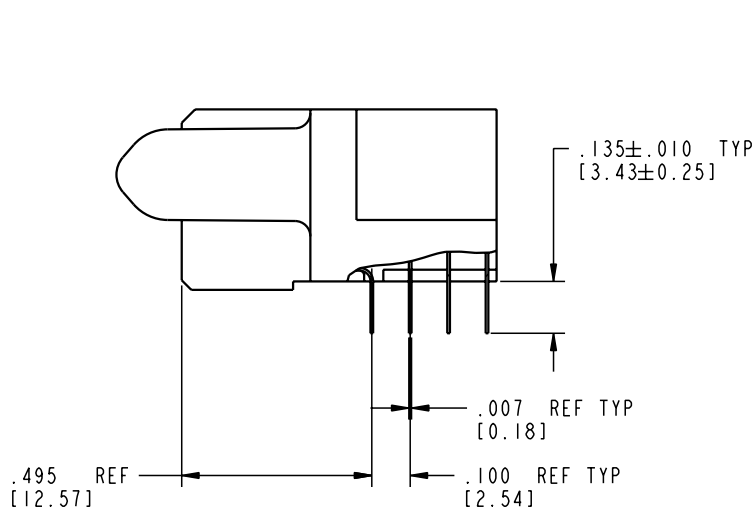
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A FCI

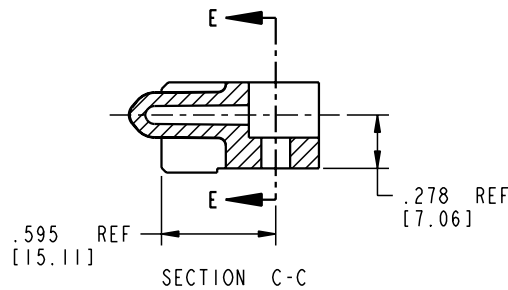
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B

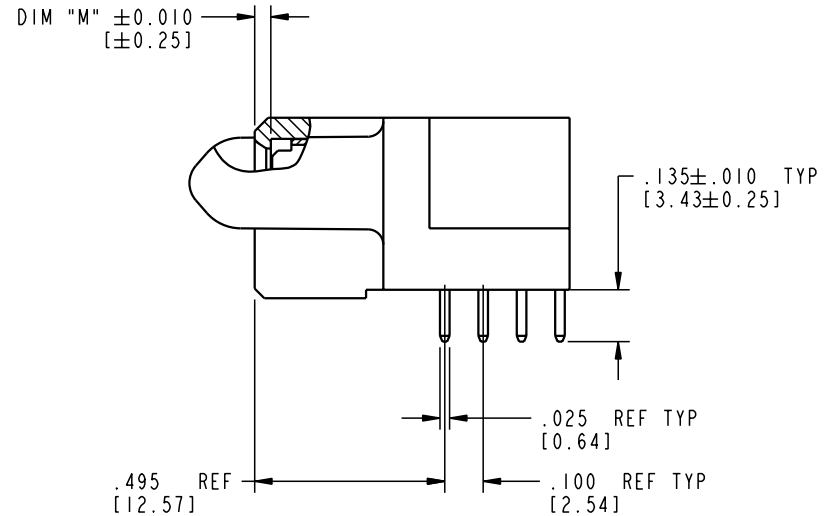
PRODUCT NUMBER
51915-046



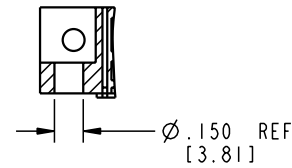
BROKEN-OUT SECTION A-A
SCALE 2:1



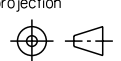
SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

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  INCH/MM scale 1:1							
A										.XXX±.005/0.XX±0.13		title								5P + 20S + 4P			
										.XXXX±.0020/0.XXX±0.051		R/A SOLDER RECEPTACLE											
								angles		0°±2°													
				dr		T. BRUNGARD		04/14/04		INCH/MM scale 1:1				product family				PwrBlade				code	
				enrg		M. GRAY		04/14/04						size				dwg no				213	
				chr		M. GRAY		04/14/04						A				51915-046				sheet	
				appd		M. GRAY		04/14/04										2 of 4					
sheet index		revision sheet																					

B

Pro/E

3

cage code 22526

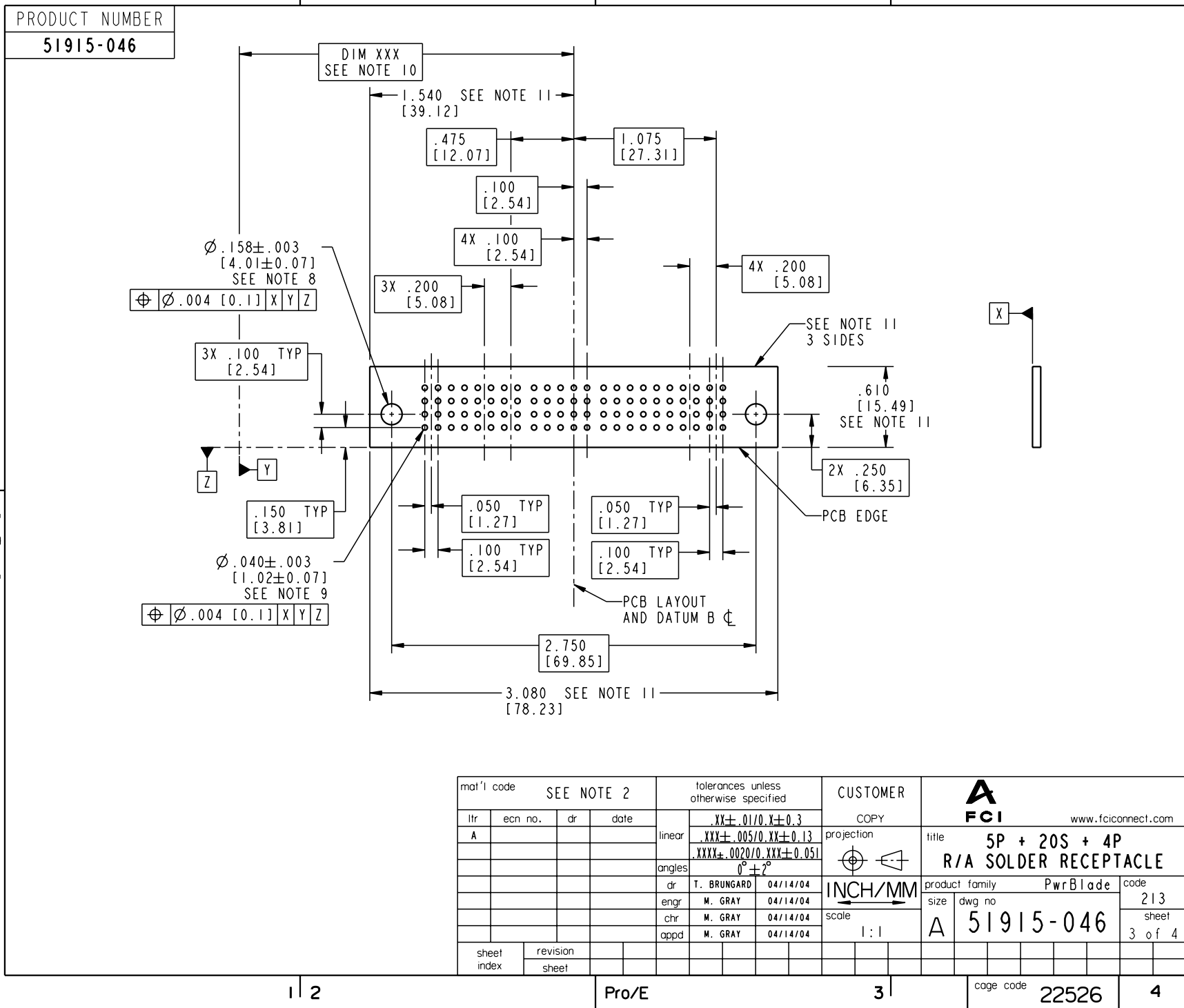
4

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

Δ **CE**



PRODUCT NUMBER
51915-046

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:

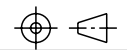
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY		 INCH/MM		
A					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection				
					.XXXX $\pm$.0020/0.XXX $\pm$ 0.051		scale				
				angles	0 $^{\circ}$ + 2 $^{\circ}$				title 5P + 20S + 4P R/A SOLDER RECEPTACLE product family PwrBlade code 213 size 4 of 4 sheet 4 of 4		
				dr	T. BRUNGARD	04/14/04	INCH/MM				
				enrg	M. GRAY	04/14/04	1:1				
				chr	M. GRAY	04/14/04					
				appd	M. GRAY	04/14/04					
sheet index		revision sheet									