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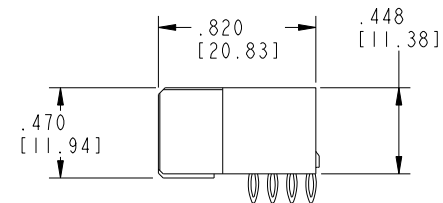
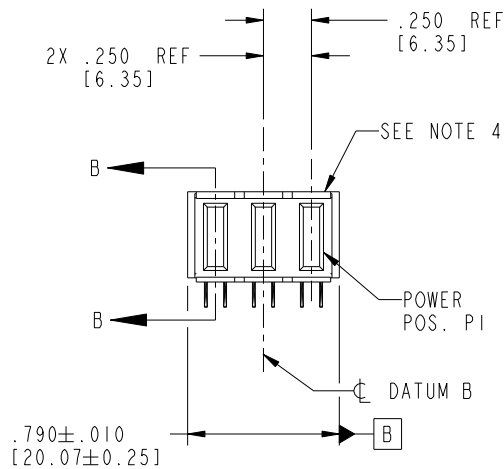
PRODUCT NO.	POWER		
	P3	P2	P1
	PF	PF	PE

51866-020-
NOTE: ③

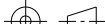
1 | 2

3 |

4



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PE	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

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								title 3P R/A PRESS FIT RECEPTACLE					
A		V03-0960		DAI		8/29/03			$.XXX \pm .005 / 0.XX \pm 0.13$																	
B		D605-0232		SJ		07/20/05			$.XXX \pm .0020 / 0.XXX \pm 0.051$																	
C		D608-0251		W D		09/16/08		angles	$0^\circ \pm 2^\circ$								product family				PwrBlade				code	
								dr	D. INGRAM 8/29/03								size		dwg no				213			
								engr	M. MOSTOLLER 8/29/03																	
								chr	M. MOSTOLLER 8/29/03				scale				A		51866-020				sheet			
								appd	M. MOSTOLLER 8/29/03				1:1										1 of 4			
sheet index		revision		C		C		C		C																
		sheet		1		2		3		4																

1 | 2

Pro/E

PDM: Rev: C

STATUS: Released

Printed: Dec 20, 2010

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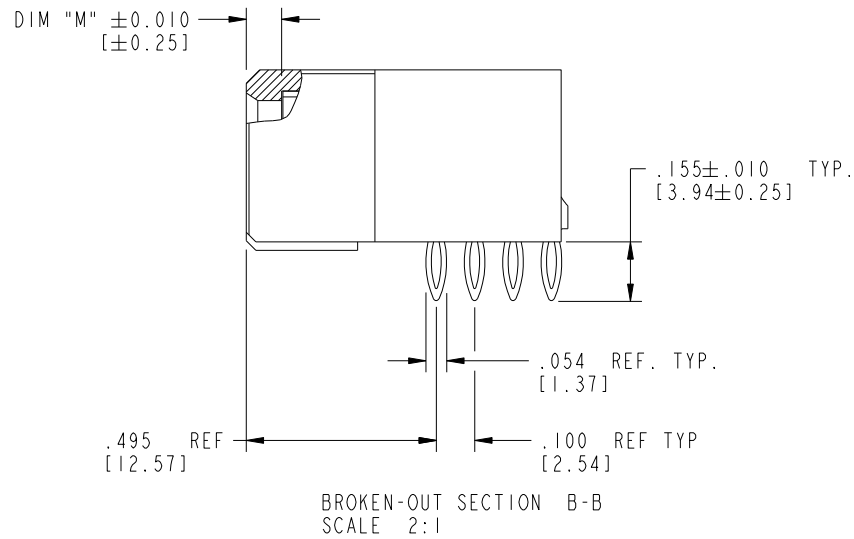


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PRODUCT NUMBER

51866-020--

NOTE: ③



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com						
litr		ecr no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				title 3P R/A PRESS FIT RECEPTACLE									
C									.XXX±.005/0.XX±0.13				projection													
									.XXXX±.0020/0.XXX±0.051																	
								angles	0°±2°								product family				PwrBlade				code	
								dr	D. INGRAM		8/29/03		INCH/MM				size		dwg no		213		sheet 2 of 4			
								enrg	M. MOSTOLLER		8/29/03		scale 1:1				A		51866-020							
								chr	M. MOSTOLLER		8/29/03															
								appd	M. MOSTOLLER		8/29/03															
sheet index		revision sheet																								

Pro/E

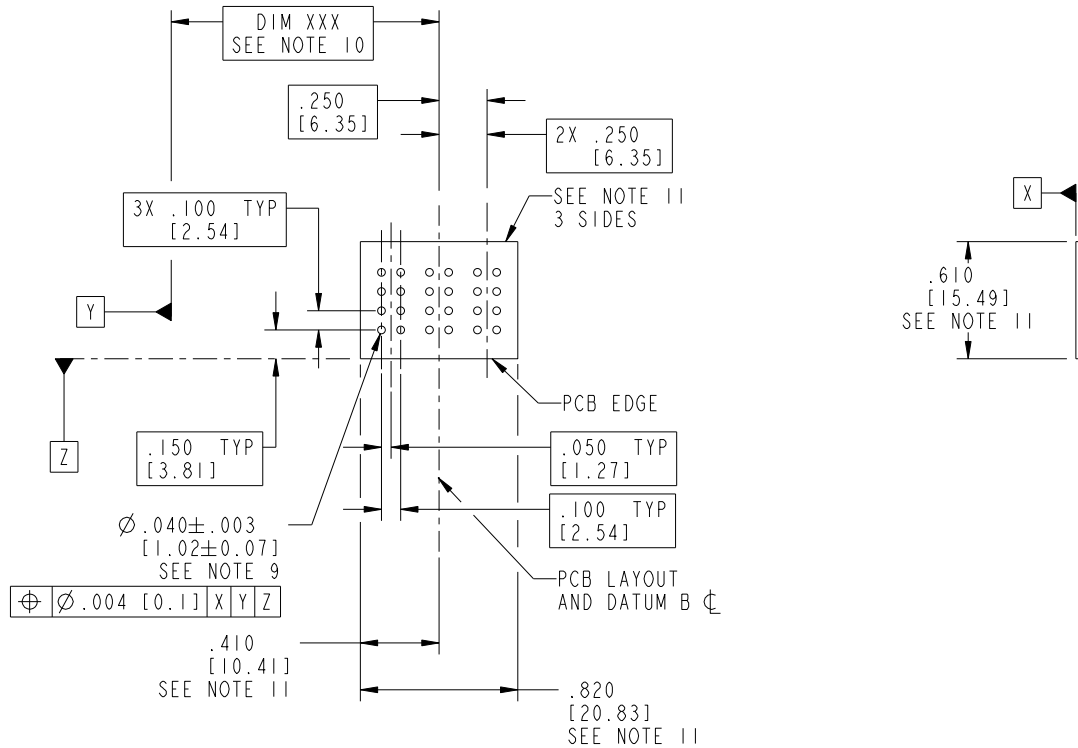
PDM: Rev: C

STATUS: Released

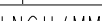
Printed: Dec 20, 2010



PRODUCT NUMBER
51866-020--
NOTE: ③



RECOMMENDED PCB LAYOUT

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				title 3P R/A PRESS FIT RECEPTACLE						
C									$.XXX \pm .005 / 0.XX \pm 0.13$				projection 										
									$.XXX \pm .0020 / 0.XXX \pm 0.051$				INCH/MM 										
								angles	$0^\circ \pm 2^\circ$				scale 1:1				product family PwrBlade				code 213		
								dr	D. INGRAM		8/29/03						size		dwg no		sheet		
								engr	M. MOSTOLLER		8/29/03						A		51866-020		3 of 4		
								chr	M. MOSTOLLER		8/29/03												
								appd	M. MOSTOLLER		8/29/03												
sheet index		revision sheet																					

PRODUCT NUMBER

51866-020--
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. SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51866-020 AND 51866-020LF 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.

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. △ C SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ec'n no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY			title			
C					$.XXX \pm .005 / 0.XX \pm 0.13$		projection			3P			
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$		INCH/MM			R/A PRESS FIT RECEPTACLE			
				angles	$0^\circ \pm 2^\circ$		scale			product family		code	
				dr	D. INGRAM 8/29/03		1:1			PwrBlade		213	
				engr	M. MOSTOLLER 8/29/03					size		sheet	
				chr	M. MOSTOLLER 8/29/03				A		4 of 4		
				appd	M. MOSTOLLER 8/29/03				51866-020				
sheet index		revision sheet											