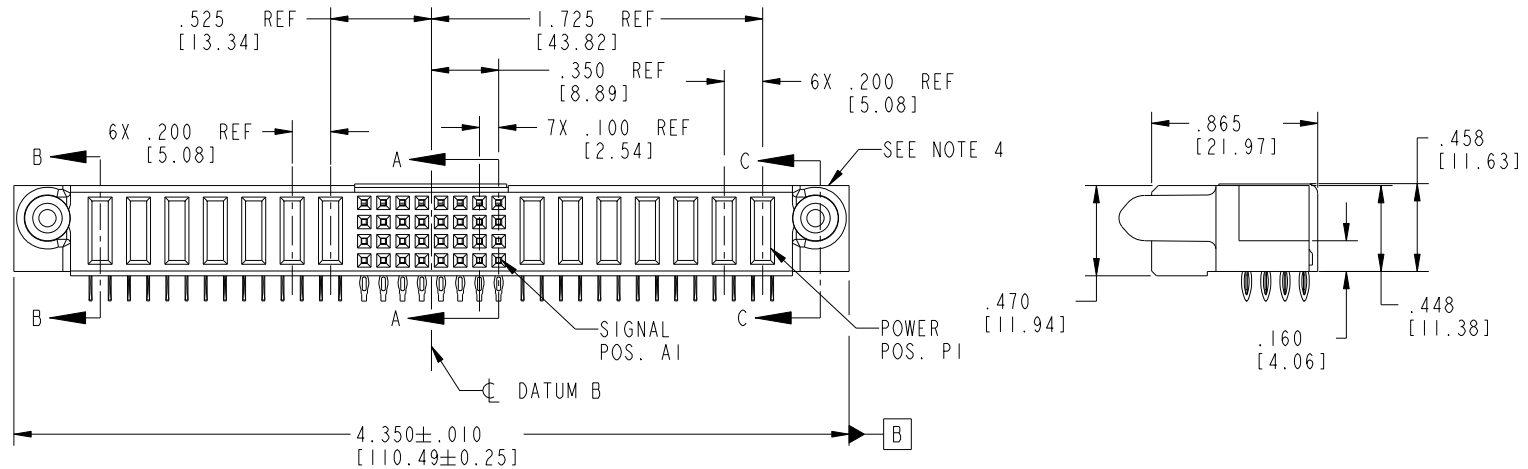
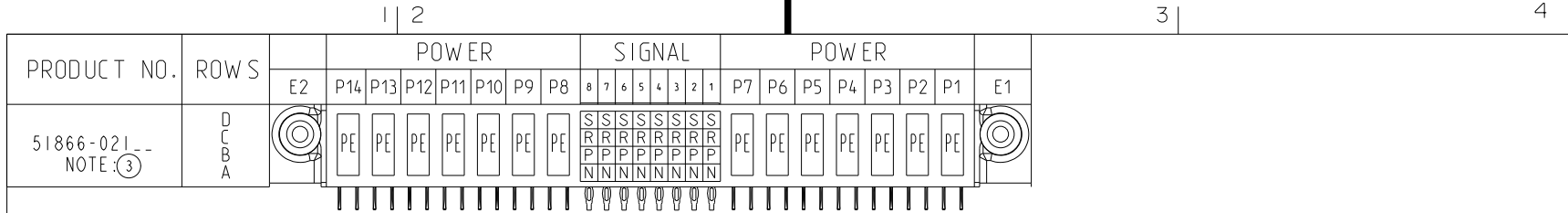




CODE	DIM "M" MATING LENGTH	CONTACT TYPE
N	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
S	N/A [N/A]	SIGNAL
PE	.042 [1.07]	POWER

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V03-1128	TAB	10/20/03		.XXX±.005/0.XX±0.13	projection		title	
B	DG05-0168	SJ	06/17/05		.XXXX±.0020/0.XXX±0.051			7P + 32S + 7P	
C	DG08-0251	W D	09/16/08	angles	0°±2°			R/A PRESS-FIT RECEPTACLE	
				dr	T. BRUNGARD 10/20/03	INCH/MM		product family	
				enrg	M. GRAY 10/20/03	scale		PwrBlade	
				chr	M. GRAY 10/20/03	1:1		size	
				appd	M. GRAY 10/20/03			dwg no	
sheet index		revision	C	C	C			A	
		sheet	1	2	3			51866-021	
								code	
								213	
								sheet	
								1 of 4	

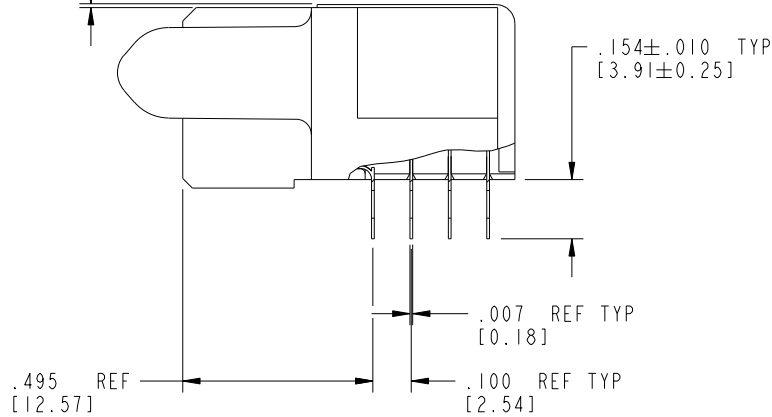
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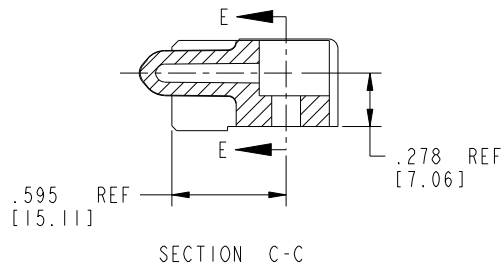
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PRODUCT NUMBER
51866-021--
NOTE:③

.010 REF
[0.25]

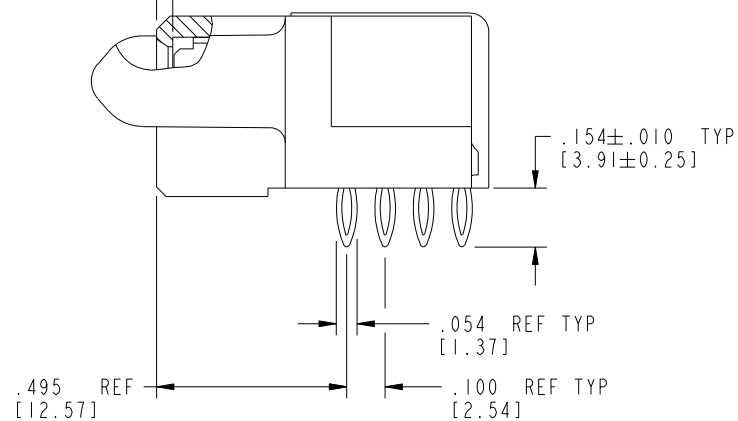


BROKEN-OUT SECTION A-A
SCALE 2:1

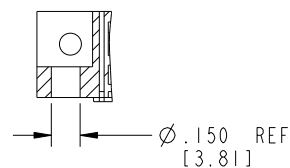


SECTION C-C

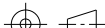
DIM "M" ±0.010
[±0.25]



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title 7P + 32S + 7P R/A PRESS-FIT RECEPTACLE
C					.XXX±.005/0.XX±0.13		projection 	product family PwrBlade	
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°		scale 1:1	dwg no 51866-021	code 213 sheet 2 of 4
				dr	T. BRUNGARD	10/20/03			
				enrg	M. GRAY	10/20/03			
				chr	M. GRAY	10/20/03			
				appd	M. GRAY	10/20/03			
sheet index	revision sheet								

Pro/E

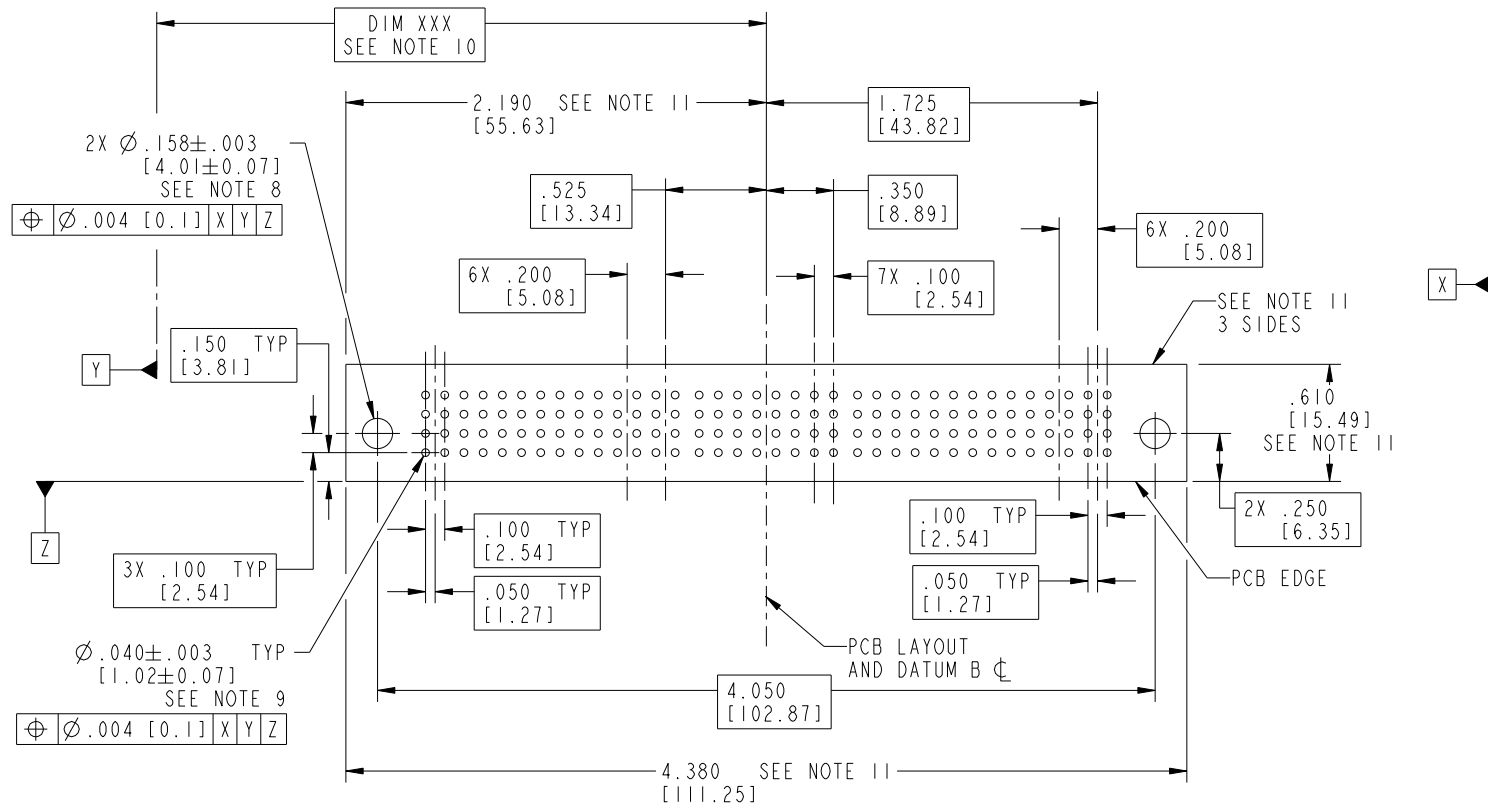
PDM: Rev:C

STATUS: Released

Printed: Sep 21, 2008



PRODUCT NUMBER
51866-021--
NOTE: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
C				angles		.XXX±.005/0.XX±0.13		projection		title 7P + 32S + 7P	
						.XXX±.002/0.XXX±0.051				R/A PRESS-FIT RECEPTACLE	
						0°±2°				product family PwrBlade	
				dr	T. BRUNGARD	10/20/03		INCH/MM		size 213	
				enrg	M. GRAY	10/20/03		scale		dwg no 51866-021	
				chr	M. GRAY	10/20/03				sheet 3 of 4	
				appd	M. GRAY	10/20/03					
sheet index	revision sheet										

PRODUCT NUMBER
51866-021--
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 51866-021 AND 51866-021LF 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. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

13. A△ 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	
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY		www.fciconnect.com		
C					$.XXX \pm .005 / 0.XX \pm 0.13$		projection		title 7P + 32S + 7P		
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				R/A PRESS-FIT RECEPTACLE		
				angles	$0^\circ \pm 2^\circ$		INCH/MM		product family PwrBlade		
				dr	T. BRUNGARD	10/20/03	scale		code 213		
				enrg	M. GRAY	10/20/03	1:1		size dwg no		
				chr	M. GRAY	10/20/03			A 51866-021		
				appd	M. GRAY	10/20/03			sheet 4 of 4		
sheet index		revision sheet									