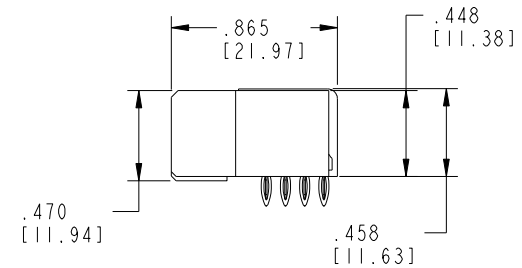
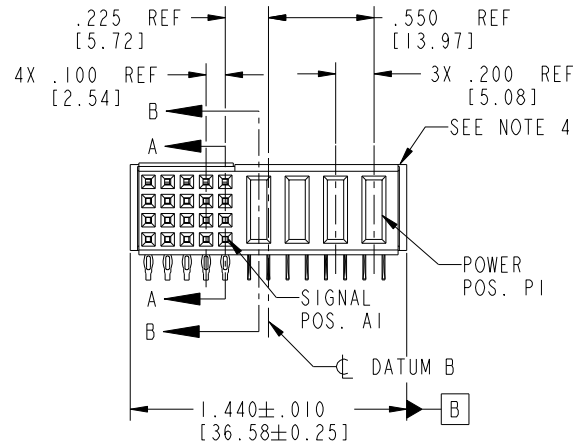




		1				2				3				4			
PRODUCT NO.	ROWS	SIGNAL				POWER											
		5	4	3	2	1	P4	P3	P2	P1							
51866-023-- NOTE: ③	D C B A	S	S	S	S	S	PE	PE	PE	PE							
		R	R	R	R	R											
		P	P	P	P	P											
		N	N	N	N	N											
																	



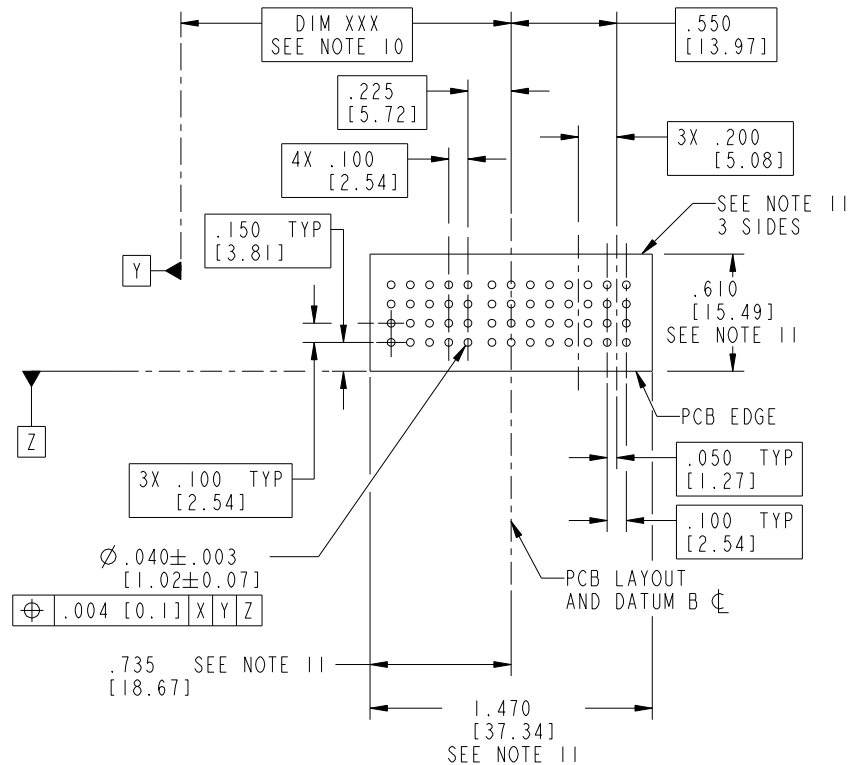
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
N	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
S	N/A [N/A]	SIGNAL
PE	.042 [1.07]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY	
A		V03-1260		TAB		11/25/03		linear		.XXX±.005/0.XX±0.13		projection	
B		DG05-0171		GuoJM		05/19/06		linear		.XXXX±.0020/0.XXX±0.051			
C		DG08-0251		W D		09/16/08		angles		0°±2°			
								dr		T. BRUNGARD 11/25/03			
								enrg		M. GRAY 11/25/03			
								chr		M. GRAY 11/25/03		scale 1:1	
								appd		M. GRAY 11/25/03			
sheet index		revision sheet		C 1		C 2		C 3		C 4		product family	
				1		2		3		4		PwrBlade	
												code	
												213	
												sheet	
												1 of 4	
												A 51866-023	

cage code 22506



PRODUCT NUMBER
51866-023--
NOTE:③



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	FCI www.fciconnect.com
C				linear	.XXX±.005/0.XX±0.13	projection	title 4P + 20S
				angles	.XXXX±.0020/0.XXX±0.051		R/A PRESS-FIT RECEPTACLE
					0°±2°	INCH/MM	product family PwrBlade
				dr	T. BRUNGARD 11/25/03	scale	size dwg no
				enrg	M. GRAY 11/25/03	1:1	213
				chr	M. GRAY 11/25/03		sheet
				appd	M. GRAY 11/25/03		3 of 4
sheet index	revision sheet						

PRODUCT NUMBER

51866-023--

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 51866-023 AND 51866-023LF 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 ± 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 430140-011 TO APPLY CONNECTOR TO PCB.

13. A/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			
ltr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		projection		title		www.fciconnect.com			
C										.XXX±.005/0.XX±0.13				4P + 20S					
								angles		.XXX±.0020/0.XXX±0.051				R/A PRESS-FIT RECEPTACLE					
										0°±2°									
								dr		T. BRUNGARD 11/25/03		INCH/MM		product family		PwrBlade			
								enrg		M. GRAY 11/25/03		scale		size		code			
								chr		M. GRAY 11/25/03		1:1		dwg no		213			
								appd		M. GRAY 11/25/03				A 51866-023		sheet			
																4 of 4			
sheet index		revision sheet																	