

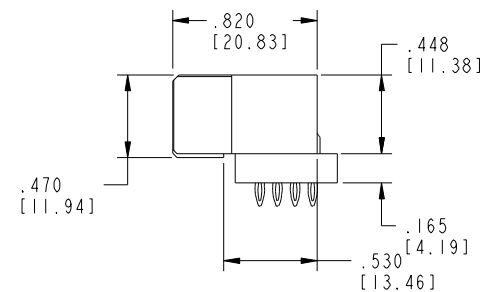
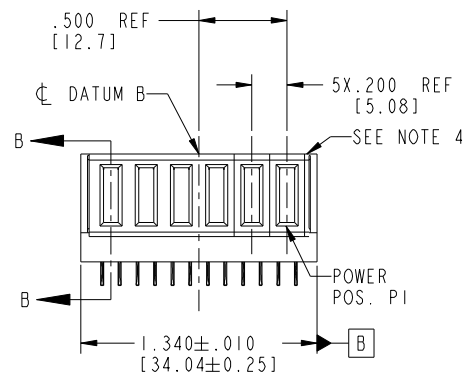


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
FL	.042 [1.07]	POWER

PRODUCT NO.	POWER					
	P6	P5	P4	P3	P2	P1
	PL	PL	PL	PL	PL	PL



mat'l code				tolerances unless otherwise specified			CUSTOMER	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY	
A	DG05-0480	JMG	12/12/05	angles	.XXX±.005/0.XX±0.13		projection	
				dr	.XXX±.0020/0.XXX±0.051		INCH/MM	
				enr	JM GUO 11/18/05		scale	
				chr	SLUO 11/18/05		1:1	
				appd	VICTOR LIN 11/18/05			
					JOSEPH HSIA 11/18/05			
sheet index	revision sheet	A	A	A				
		1	2	3				



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title 6P
R/A RECEPTACLE

product family PwrBlade code 213
size dwg no 51866-040 sheet 1 of 3

cage code 22526

Pro/E

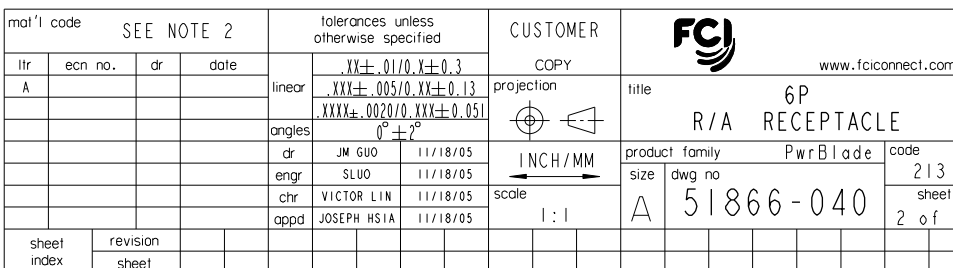
PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

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.495 REF
[12.57]



FC

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title	6P
R/A	RECEPTACLE

product family		PwrBlade	code
size	dwg no		213
A	51866-040		sheet
			2 of 2

cage code	22526
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B

1 | 2

3 |

4

PRODUCT NUMBER
51866-040--
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. 51866-040;51866-040LF;51866-040GLF PLATING SPEC. SEE PRINT:10064183
- (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 OR Sn 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				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY		title	6P	
A					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection			R/A RECEPTACLE	
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051						
				angles	0 $\pm$ 2°				product family		PwrBlade
				dr	JM GUO	11/18/05	INCH/MM		size	dwg no	
				enrg	SLUO	11/18/05	scale		A	51866-040	
				chr	VICTOR LIN	11/18/05				sheet	
				appd	JOSEPH HSIA	11/18/05	1:1			3 of 3	
sheet index	revision sheet										

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1 | 2

Pro/E

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cage code 22526

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