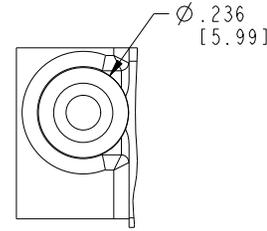
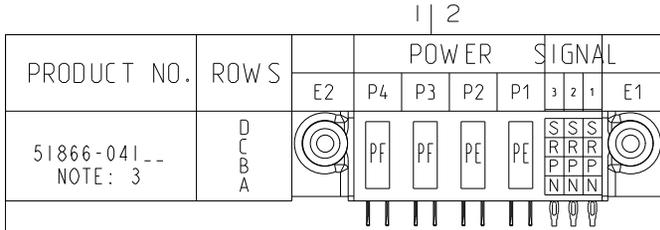
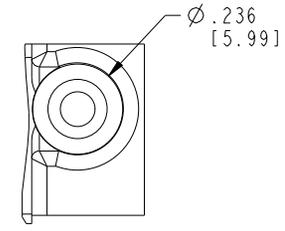


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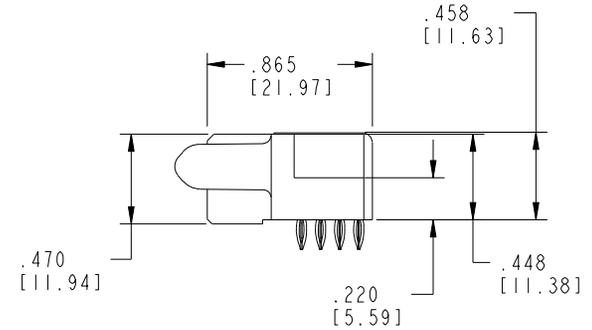
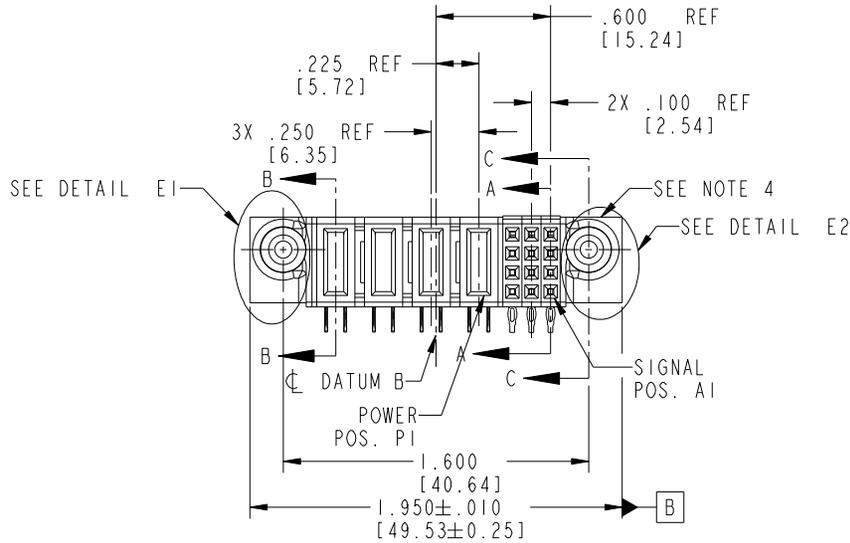
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DETAIL E1
SCALE 2:1



DETAIL E2
SCALE 2:1



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PE	.042 [1.07]	POWER
S	N/A [N/A]	SIGNAL
R	N/A [N/A]	SIGNAL
P	N/A [N/A]	SIGNAL
N	N/A [N/A]	SIGNAL
PF	.092 [2.34]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		FCI	
A	DG06-0074	JMG	02/24/06	linear	.XX±.005/0.XX±0.13	projection		www.fciconnect.com	
B	DG06-0367	JULIA	9/07/06	angles	.XXX±.0020/0.XXX±0.051	INCH/MM		title 12S + 4P	
				dr	JM GUO 02/24/06	scale 1:1		R/A PRESS-FIT RECEPTACLE	
				engr	SLUO 02/24/06			product family PwrBlade	
				chr	BEER FU 02/24/06			code 213	
				appd	JOSEPH HSIA 02/24/06			size 51866-041	
sheet index		revision sheet	B 1	B 2	B 3	B 4			sheet 1 of 4

title		12S + 4P	
product family		PwrBlade	
code	213		
size	51866-041		
sheet	1 of 4		

A

A

B

B

1 | 2

3 |

4

Pro/E

PDM: Rev: B

STAT: Released

Printed: Dec 20, 2010

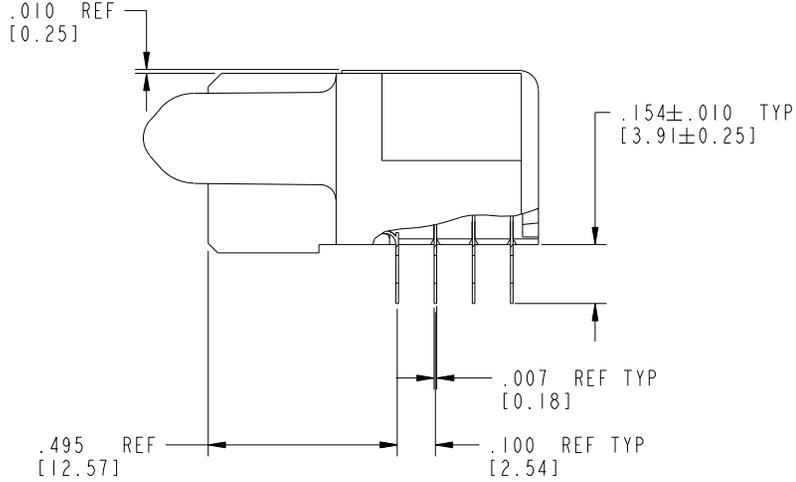
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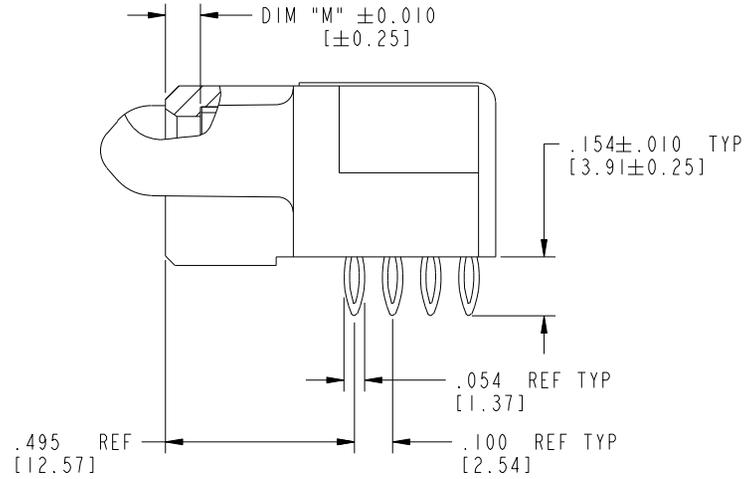


PRODUCT NUMBER

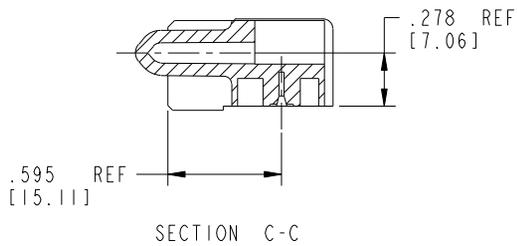
51866-041__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
B					.XXY±.005/0.XX±0.13	projection		12S + 4P	
				angles	.XXX±.0020/0.XXX±0.051			R/A PRESS-FIT RECEPTACLE	
				dr	JM GUO 02/24/06	INCH/MM		product family	
				enrg	SLUO 02/24/06	scale		PwrBlade	
				chr	BEER FU 02/24/06	1:1		code	
				appd	JOSEPH HSIA 02/24/06			size	
sheet index		revision sheet						dwg no	
								A 51866-041	
								213	
								sheet	
								2 of 4	

cage code 22556

Pro/E

PDM: Rev:B

STATUS: Released

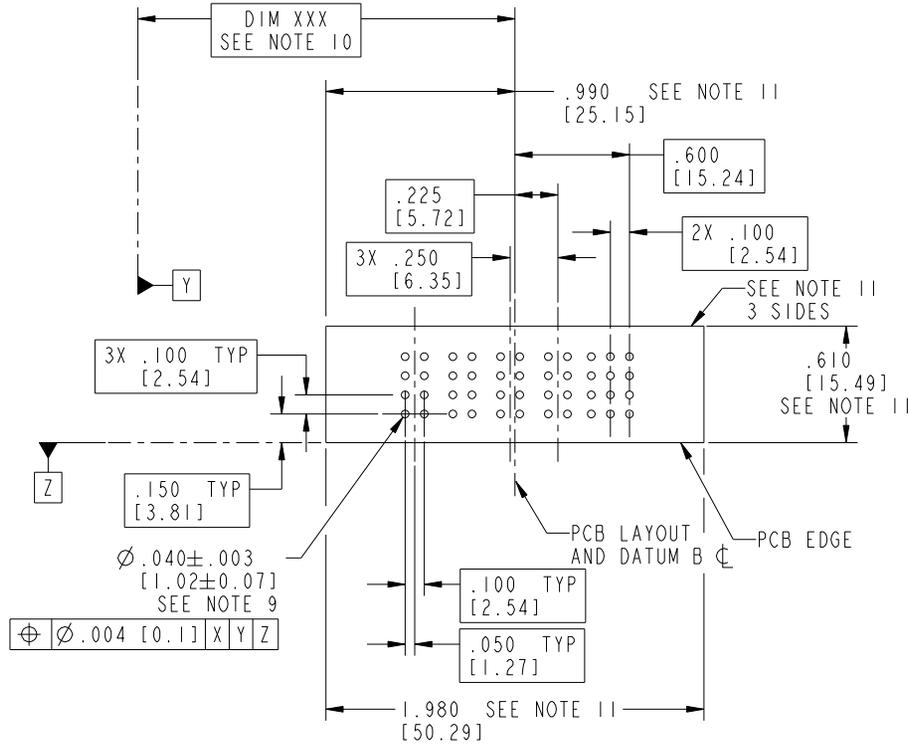
Printed: Dec 20, 2010

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PRODUCT NUMBER
51866-041__
NOTE: 3



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXY±.005/0.XX±0.13	projection		title 12S + 4P	
				angles	.XXX±.0020/0.XXX±0.051			R/A PRESS-FIT RECEPTACLE	
				dr	JM GUO 02/24/06	INCH/MM		product family PwrBlade	
				engr	SLUO 02/24/06	scale		code 213	
				chr	BEER FU 02/24/06	1:1		size A 51866-041	
				appd	JOSEPH HSIA 02/24/06			sheet 3 of 4	
sheet index	revision sheet								

Pro/E

PDM: Rev: B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
 51866-041__
 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. 51866-041;51866-041LF;51866-041GLF 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		FCI	
lir	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3	COPY		www.fciconnect.com	
B				projection	.XXX \pm .005/0.XX \pm 0.13	INCH/MM		title 12S + 4P	
				angles	.XXX \pm .0020/0.XXX \pm 0.051	1:1		R/A PRESS-FIT RECEPTACLE	
				dr	JM GUO 02/24/06	scale		product family PwrBlade	
				enrg	SLUO 02/24/06	A		code 213	
				chr	BEER FU 02/24/06	size		sheet 4 of 4	
				appd	JOSEPH HSIA 02/24/06	dwg no		51866-041	
sheet index	revision sheet								

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