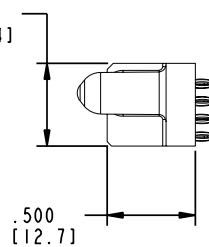
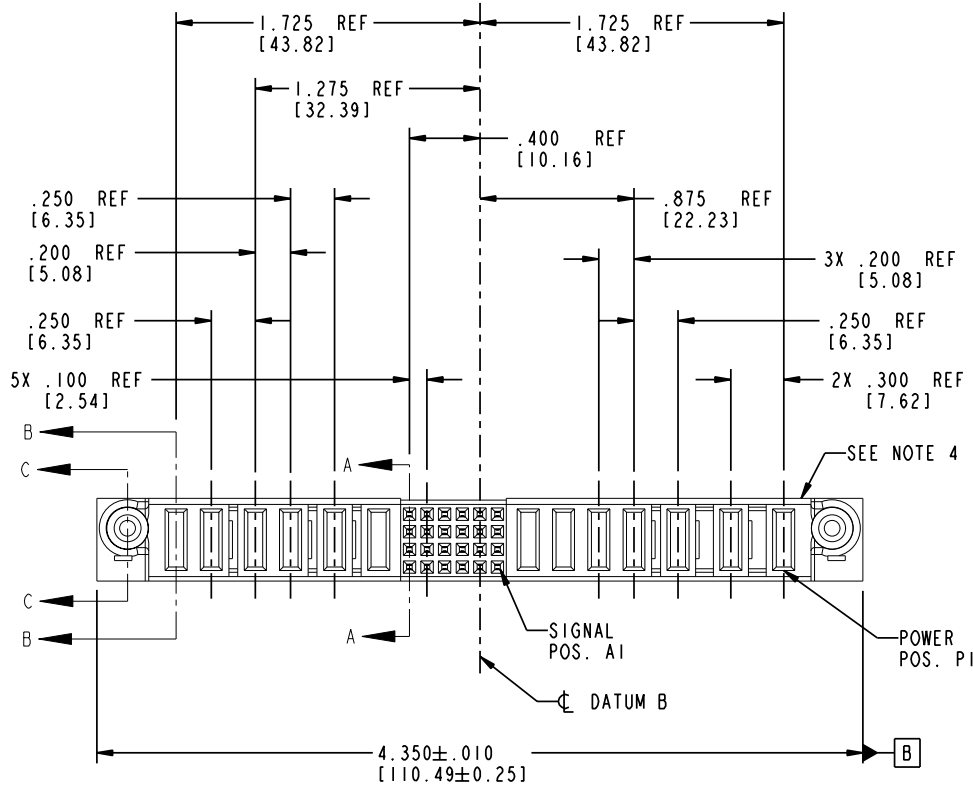


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PRODUCT NO.	ROWS	POWER							SIGNAL							POWER						
		E2	P13	P12	P11	P10	P9	P8	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1	E1
51868-002-- NOTE: ③	D C B A		PC	PC	PC	PC	PC	PC	F	F	F	F	F	F	PC	PC	PC	PC	PC	PF	PF	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	linear	.XXX±.005/0.XX±0.13	COPY	projection	title	3ACP + 4P + 24S + 6P VERTICAL PRESS FIT RECEPT
A	V21416	CGD	09/03/02				.XXX±.0020/0.XX±0.051			product family	PwrBlade
B	DG05-0206	SJ	07/05/05	angles	0°±2°	dr	C. DAILY 09/03/02			size	213
				engr	M. MOSTOLLER 09/03/02	chr	M. MOSTOLLER 09/03/02	INCH/MM	scale	dwg no	51868-002
				appd	M. MOSTOLLER 09/03/02			1:1		sheet	1 of 4
sheet index	revision	B	B	B	B					cage code	22526
	sheet	1	2	3	4						

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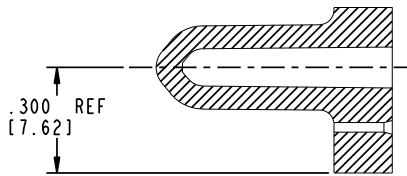
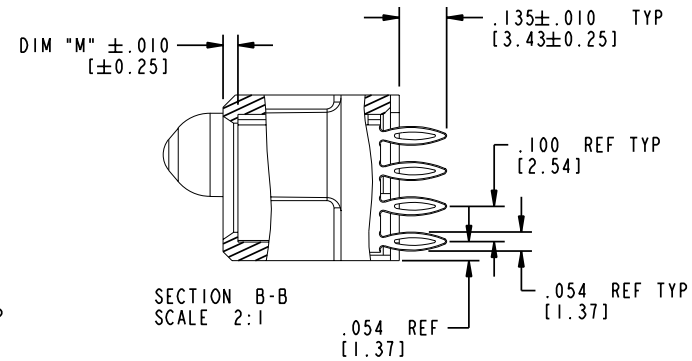
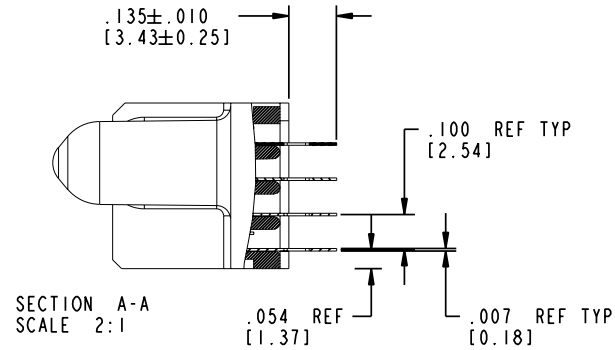
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PRODUCT NUMBER

51868-002..
NOTE: ③



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection	linear	projection	projection	projection	title	3ACP + 4P + 24S + 6P	product family	PwrBlade
B				angles	0° ± 2°	linear	projection	projection	projection	size	213	code	213
				dr	C. DAILY	09/03/02	linear	projection	projection	scale	1:1	sheet	2 of 4
				engr	M. MOSTOLLER	09/03/02	linear	projection	projection	scale	1:1	sheet	2 of 4
				chr	M. MOSTOLLER	09/03/02	linear	projection	projection	scale	1:1	sheet	2 of 4
				appd	M. MOSTOLLER	09/03/02	linear	projection	projection	scale	1:1	sheet	2 of 4
sheet index	revision	sheet											

Pro/E

PDM: Rev:B

STATUS: Released

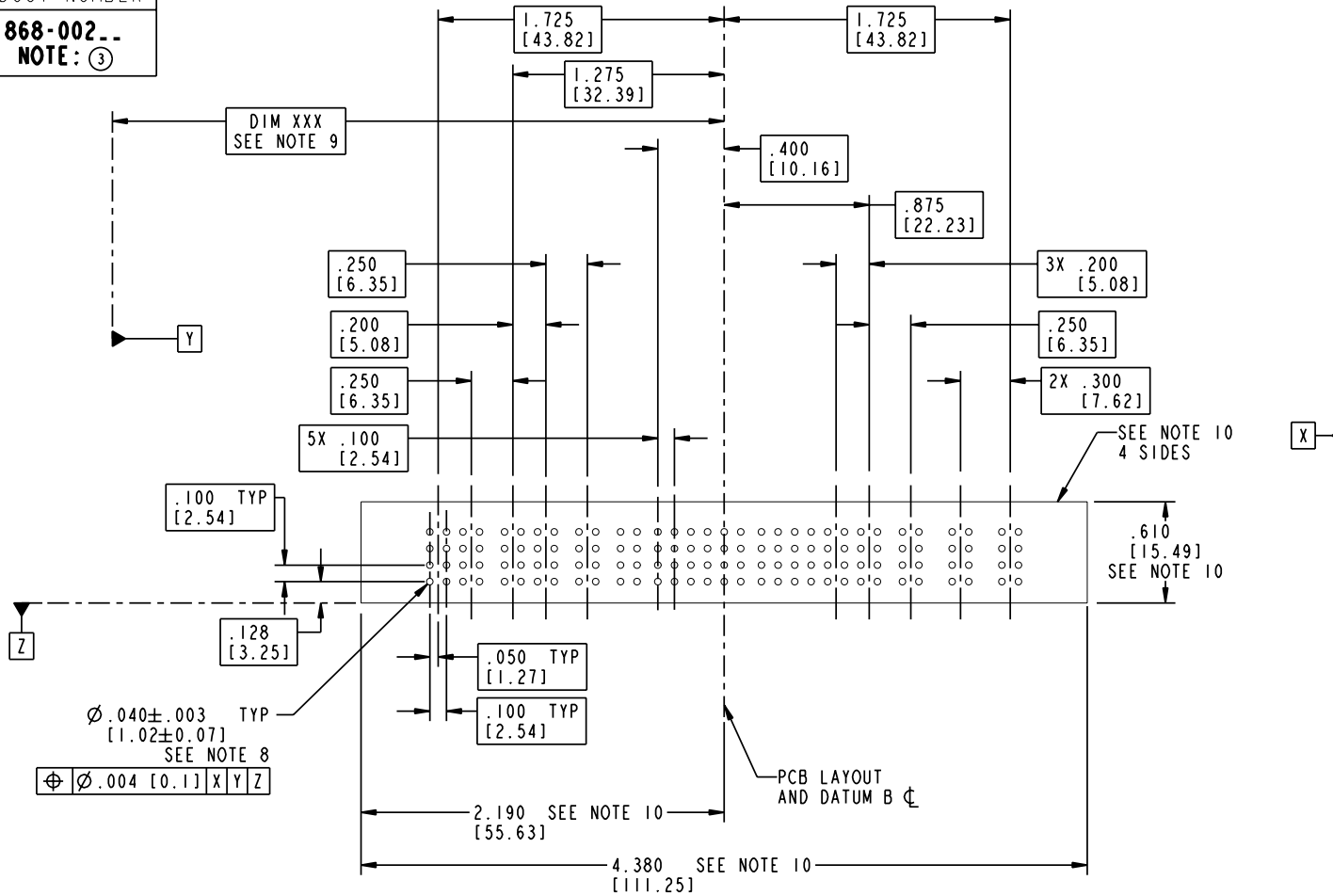
Printed: Aug 14, 2007

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PRODUCT NUMBER
51868-002..
NOTE: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
B				linear	.XXX±.005/0.XX±0.13	projection		3ACP + 4P + 24S + 6P	
				angles	.XXX±.0020/0.XX±0.051			VERTICAL PRESS FIT RECEIPT	
				dr	C. DAILY 09/03/02	INCH/MM		product family	
				enr	M. MOSTOLLER 09/03/02	scale		PwrBlade	
				chr	M. MOSTOLLER 09/03/02	1:1		size	
				appd	M. MOSTOLLER 09/03/02			dwg no	
sheet index		revision sheet						51868-002	
								code	
								213	
								sheet	
								3 of 4	

Pro/E

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PRODUCT NUMBER

51868-002_-
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. PLATING:

51868-002 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51868-002LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51868-002LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑧ $\varnothing.0453\pm.0010$ [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.

⑨ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑩ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	$.XX\pm.01/0.X\pm0.3$			COPY				projection				title			
B					$.XXX\pm.005/0.XX\pm0.13$											3ACP + 4P + 24S + 6P			
				angles	$0^{\circ}\pm 2^{\circ}$											VERTICAL PRESS FIT RECEIPT			
				dr	C. DAILY 09/03/02			INCH/MM				product family				PwrBlade			
				engr	M. MOSTOLLER 09/03/02			scale				size				dwg no			
				chr	M. MOSTOLLER 09/03/02			1:1				A				51868-002			
				appd	M. MOSTOLLER 09/03/02											code			
sheet index		revision		sheet														213	
																		sheet	
																		4 of 4	

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