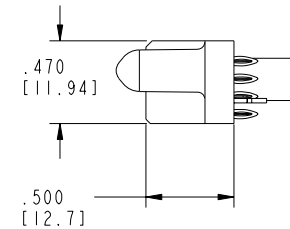
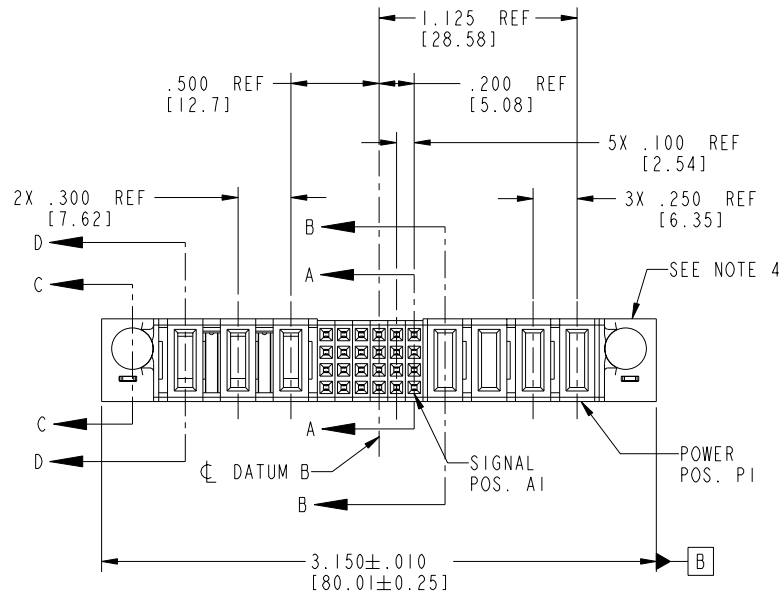
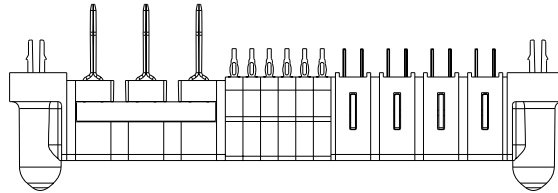


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

A
FCI

PRODUCT NO.	ROWS	POWER				SIGNAL							POWER			
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51897-005-- NOTE:3	D C B A		PH	PH	PG	F	F	F	F	F	F	PF	PF	PF	PF	
						F	F	F	F	F	F					
						F	F	F	F	F	F					
						F	F	F	F	F	F					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PH	.092 [2.34]	POWER
PF	.092 [2.34]	POWER
F	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
PG	.042 [1.07]	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		COPY		projection		title	
A	V03-0339	DAI	03/25/03			.XXX±.005/0.XX±0.13						4P + 24S + 3ACP	
B	DG05-0341	CS	09/23/05			.XXX±.0020/0.XXX±0.051						VERTICAL PRESS FIT RECEPT CABLE PORT	
				angles		0°±2°						product family	PwrBlade
				dr	D. INGRAM	03/25/03						size	dwg no
				enrg	M. MOSTOLLER	03/25/03						51897-005	code
				chr	M. MOSTOLLER	03/25/03						1 of 4	sheet
				appd	M. MOSTOLLER	03/25/03							1 of 4
sheet index	revision sheet	B	B	B	B	B							
		1	2	3	4								

cage code 22526

Pro/E

PDM: Rev:B

STATUS:Released

Printed: Aug 15, 2007

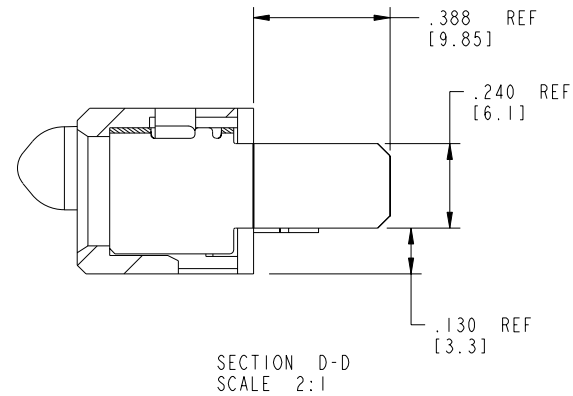
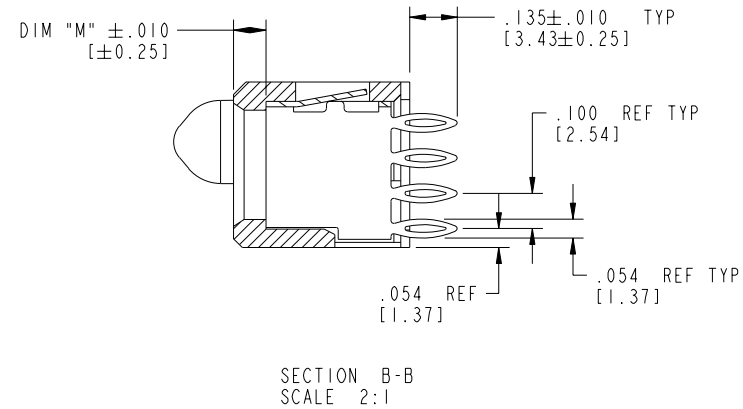
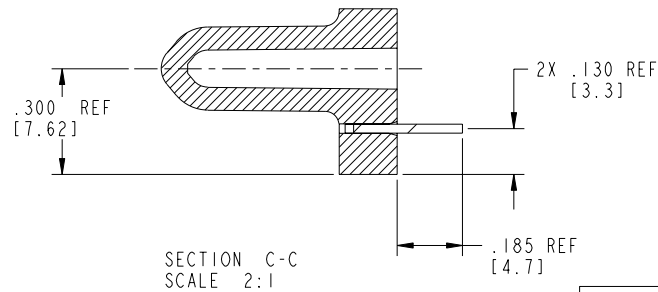
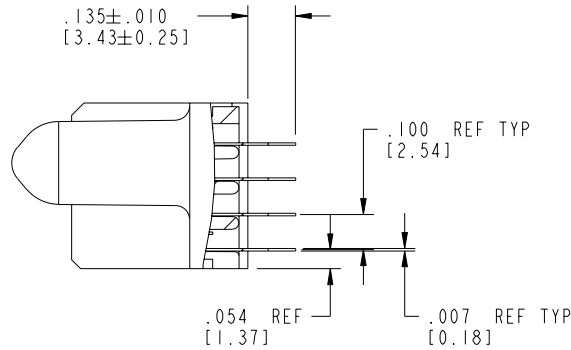
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER

51897-005_-
NOTE:3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI	
ltr	ecn no.	dr	date	linear	projection	linear	projection	projection	projection	title	www.fciconnect.com
B						.XX±.01/0.X±0.3		COPY		4P + 24S + 3ACP	
						.XXX±.005/0.XX±0.13				VERTICAL PRESS FIT RECEPT CABLE PORT	
				angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr		0°±2°		INCH/MM		size	dwg no
				engr		D. INGRAM 03/25/03		scale		A	51897-005
				chr		M. MOSTOLLER 03/25/03		1:1		sheet	2 of 4
				appd		M. MOSTOLLER 03/25/03				sheet	2 of 4
sheet index	revision	sheet								cage code	22526

Pro/E

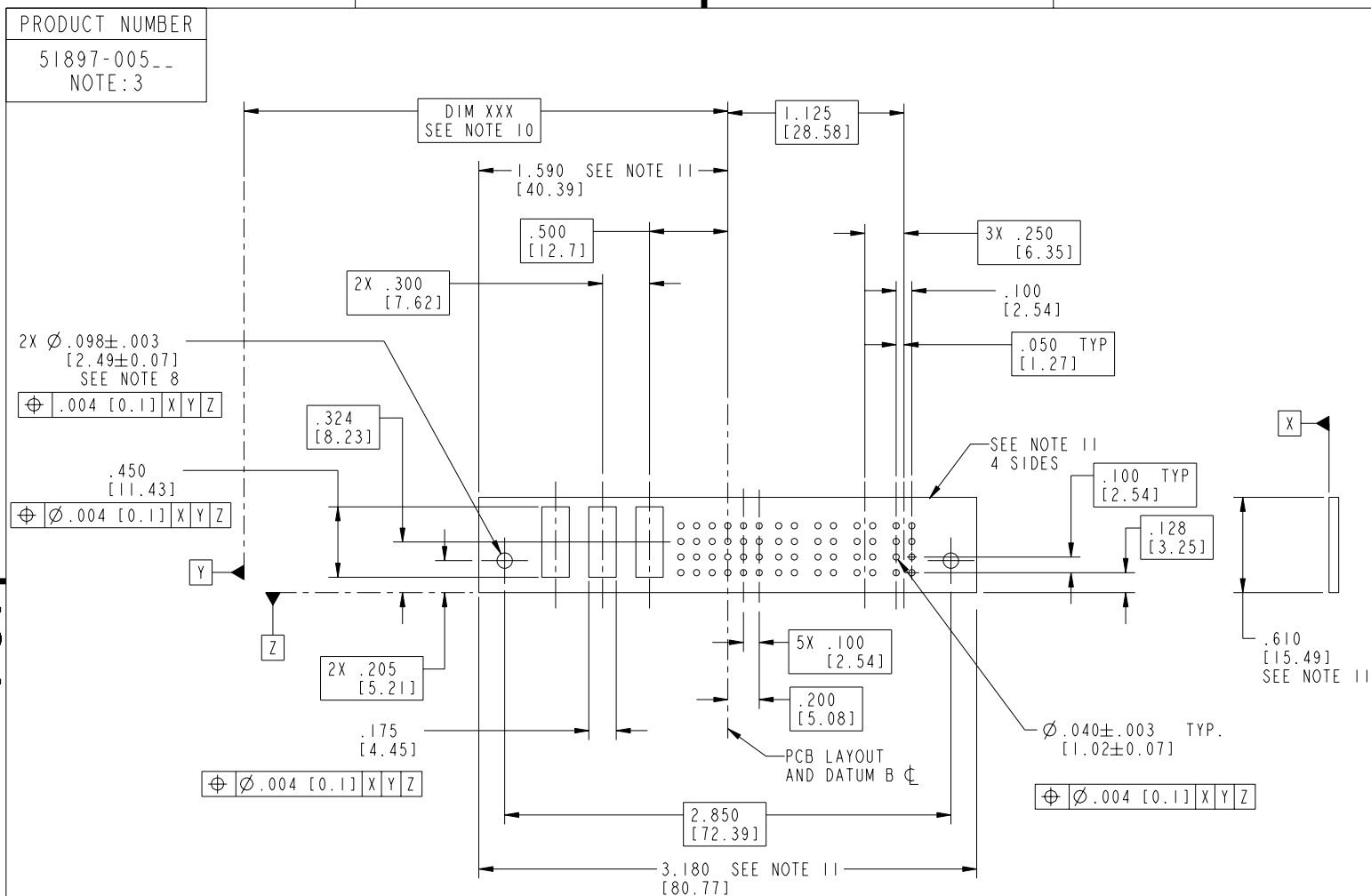
PDM: Rev:B

STATUS:Released

Printed: Aug 15, 2007

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

AFCI



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXX \pm .002 / 0.XXX \pm 0.051$				projection 	title 4P + 24S + 3ACP VERTICAL PRESS FIT RECEPT CABLE PORT							
B					$0^\circ \pm 2^\circ$					product family PwrBlade				code 213			
					dr	D. INGRAM	03/25/03	INCH/MM 		size A	dwg no 51897-005	sheet 3 of 4					
					enrg	M. MOSTOLLER	03/25/03					scale 1:1					
				chr	M. MOSTOLLER	03/25/03											
				apdd	M. MOSTOLLER	03/25/03											
sheet index		revision sheet															
Pro/E								3				cage code 22526				4	

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

AFCI

4

51897-005_--
NOTE:3

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

51897-005 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.

51897-005LF 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 51897-005LF 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.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

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.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr		ecn no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXX \pm .002 / 0.XXX \pm 0.051$		COPY		title		4P + 24S + 3ACP	
B								angles		$0^\circ \pm 2^\circ$		 projection		VERTICAL PRESS FIT RECEPT CABLE PORT			
								dr		D. INGRAM 03/25/03		INCH/MM		product family		PwrBlade	
								enrg		M. MOSTOLLER 03/25/03		 scale		size		dwg no	
								chr		M. MOSTOLLER 03/25/03		A		51897-005		213	
								appd		M. MOSTOLLER 03/25/03						sheet	
																4 of	
sheet index		revision						sheet									

cage code	22526
-----------	-------

4

PDM: Rev:B

STATUS: **Released**

Printed: Aug 15, 2007