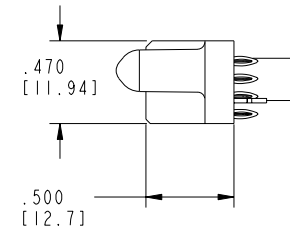
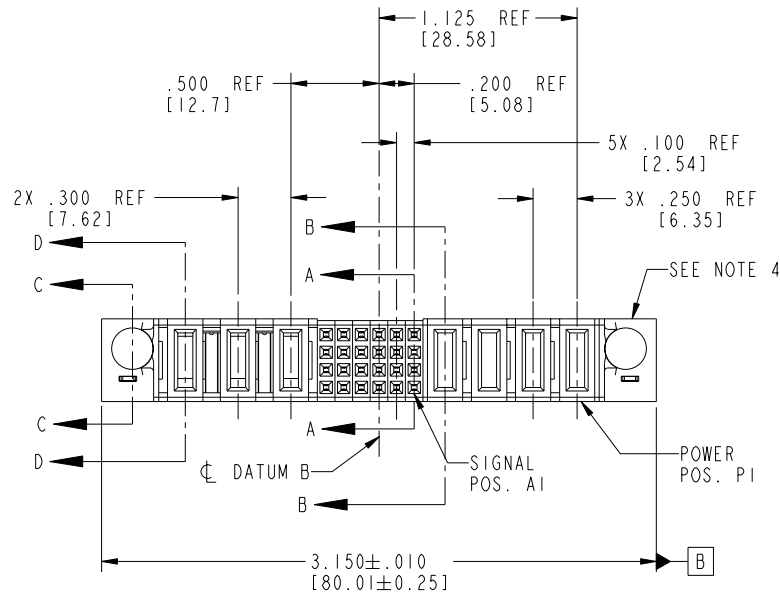
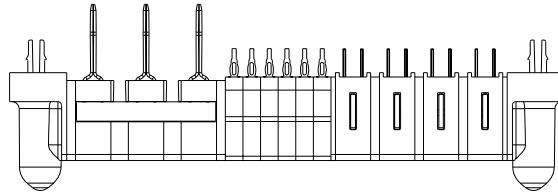


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PRODUCT NO.	ROWS	POWER				SIGNAL							POWER			
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51897-005-- NOTE:3	D C B A					F	F	F	F	F	F					
						F	F	F	F	F	F					
						F	F	F	F	F	F					
						F	F	F	F	F	F					



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	$.XX \pm .01/0.X \pm 0.3$				COPY				projection	title 4P + 24S + 3ACP VERTICAL PRESS FIT RECEPT CABLE PORT					
A	V03-0339	DA1	03/25/03		$.XXX \pm .005/0.XX \pm 0.13$				INCH/MM scale 1:1										
B	DG05-0341	CS	09/23/05		$.XXX \pm .0020/0.XXX \pm 0.051$														
				angles	$0^\circ \pm 2^\circ$								product family PwrBlade code 213 sheet 1 of 4						
				dr	D. INGRAM 03/25/03														
				enrg	M. MOSTOLLER 03/25/03														
				chr	M. MOSTOLLER 03/25/03														
				appd	M. MOSTOLLER 03/25/03														
sheet index		revision		B	B	B	B												
		sheet		1	2	3	4												

cage code 22526

Pro/E

PDM: Rev:B

STATUS:Released

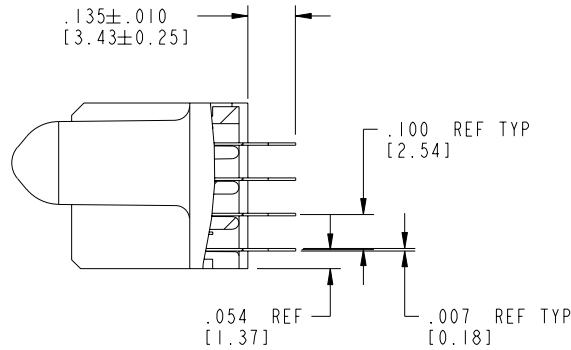
Printed: Dec 20, 2010

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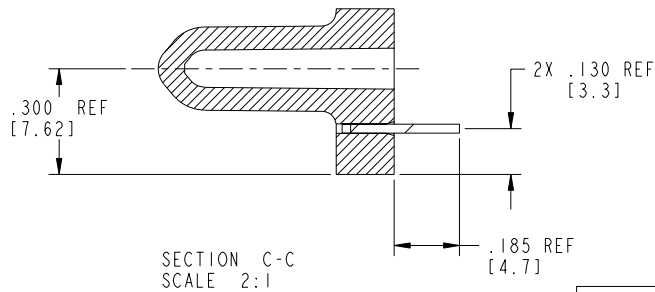
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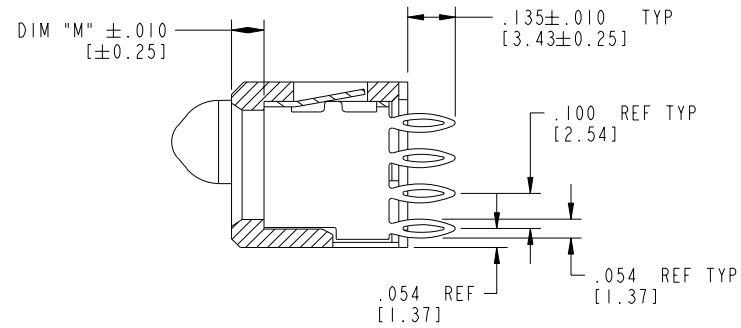
PRODUCT NUMBER
51897-005_-
NOTE: 3



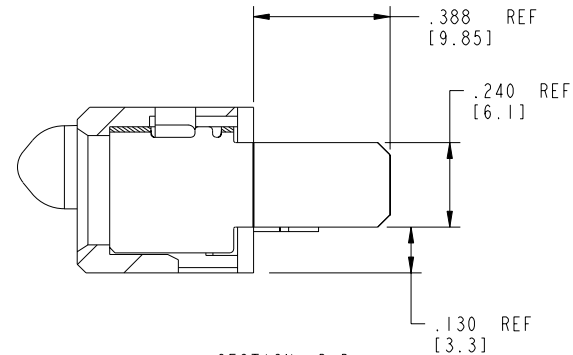
SECTION A-A
SCALE 2:1



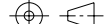
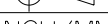
SECTION C-C
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION D-D
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	.XX±.01/0.X±0.3		COPY		title 4P + 24S + 3ACP VERTICAL PRESS FIT RECEPT CABLE PORT				
B					.XXX±.005/0.XX±0.13		projection						
					.XXXX±.0020/0.XXX±0.051								
				angles	0°±2°				product family PwrBlade				
				dr	D. INGRAM	03/25/03	INCH/MM						
				engr	M. MOSTOLLER	03/25/03	size						
				chr	M. MOSTOLLER	03/25/03	dwg no		A 51897-005				
				appd	M. MOSTOLLER	03/25/03	scale						
						1:1							
sheet index		revision sheet											

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PRODUCT NUMBER
51897-005_-
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:

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.

- (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 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		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
B					.XXX±.005/0.XX±0.13		projection			4P + 24S + 3ACP	
					.XXX±.0020/0.XXX±0.051					VERTICAL PRESS FIT RECEPT CABLE PORT	
				angles	0°±2°				product family PwrBlade		
				dr	D. INGRAM	03/25/03	INCH/MM		size		code
				engr	M. MOSTOLLER	03/25/03	1:1		dwg no		213
				chr	M. MOSTOLLER	03/25/03			A		sheet
				appd	M. MOSTOLLER	03/25/03			51897-005		4 of 4
sheet index	revision sheet										

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