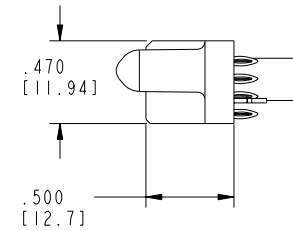
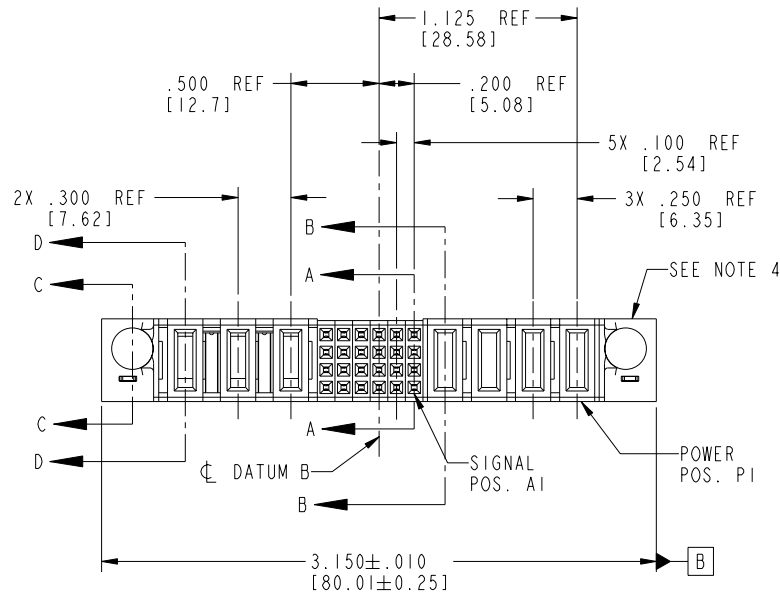
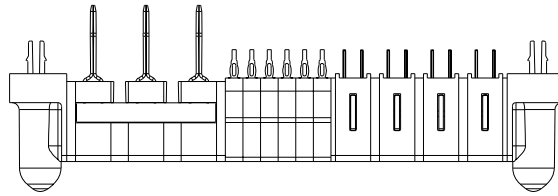


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PRODUCT NO.	ROWS	POWER				SIGNAL				POWER				E1		
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3		P2	P1
51897-005-- NOTE:3	D C B A															
		PH	PH	PG	F	F	F	F	F	F	F	PF	PF	PF	PF	HA
					F	F	F	F	F	F	F	F				



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	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		FCI www.fciconnect.com	
A	V03-0339	DAI	03/25/03	linear	.XXX±.005/0.XX±0.13	projection		title 4P + 24S + 3ACP	
B	DG05-0341	CS	09/23/05	angles	.XXX±.0020/0.XX±0.051			VERTICAL PRESS FIT RECEIPT CABLE PORT	
				dr	D. INGRAM 03/25/03	INCH/MM		product family PwrBlade code	
				enr	M. MOSTOLLER 03/25/03	scale 1:1		size dwg no 213	
				chr	M. MOSTOLLER 03/25/03			sheet 1 of 4	
				appd	M. MOSTOLLER 03/25/03			51897-005	
sheet index	revision sheet	B 1	B 2	B 3	B 4				

FCI www.fciconnect.com

product family PwrBlade code 213

size dwg no 51897-005 sheet 1 of 4

cage code 22526 4

Pro/E

PDM: Rev:B

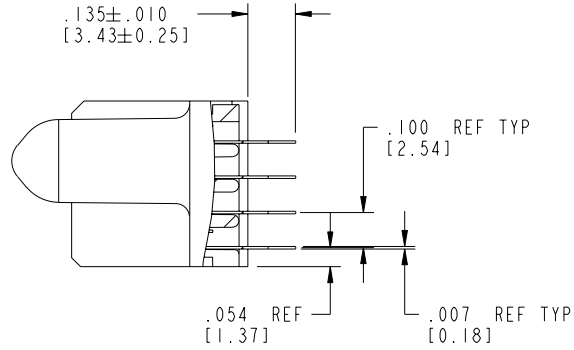
STATUS:Released

Printed: Aug 15, 2007

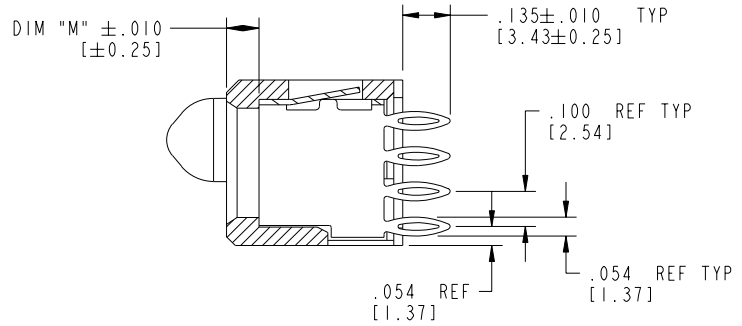
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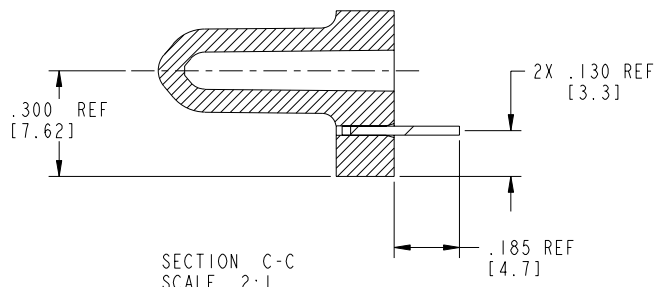
PRODUCT NUMBER
51897-005_
NOTE: 3



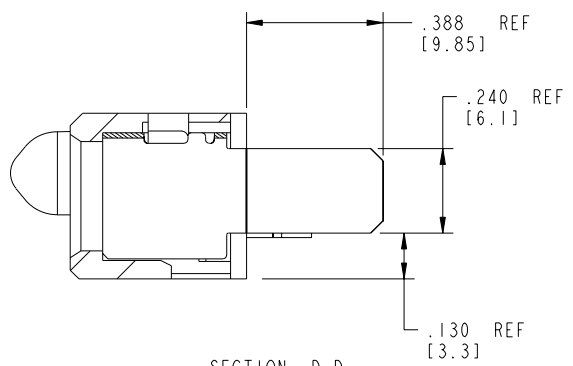
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1



SECTION D-D
SCALE 2:1

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
B					.XXX±.005/0.XX±0.13				4P + 24S + 3ACP VERTICAL PRESS FIT RECEIPT CABLE PORT
				angles	XXXX±.0020/0.XXX±0.051				product family
				dr	0°±2°			scale	PwrBlade
				engr	D. INGRAM 03/25/03			size	code
				chr	M. MOSTOLLER 03/25/03			A	213
				appd	M. MOSTOLLER 03/25/03			51897-005	sheet
sheet index	revision sheet								2 of 4

cage code 22526

Pro/E

PDM: Rev:B

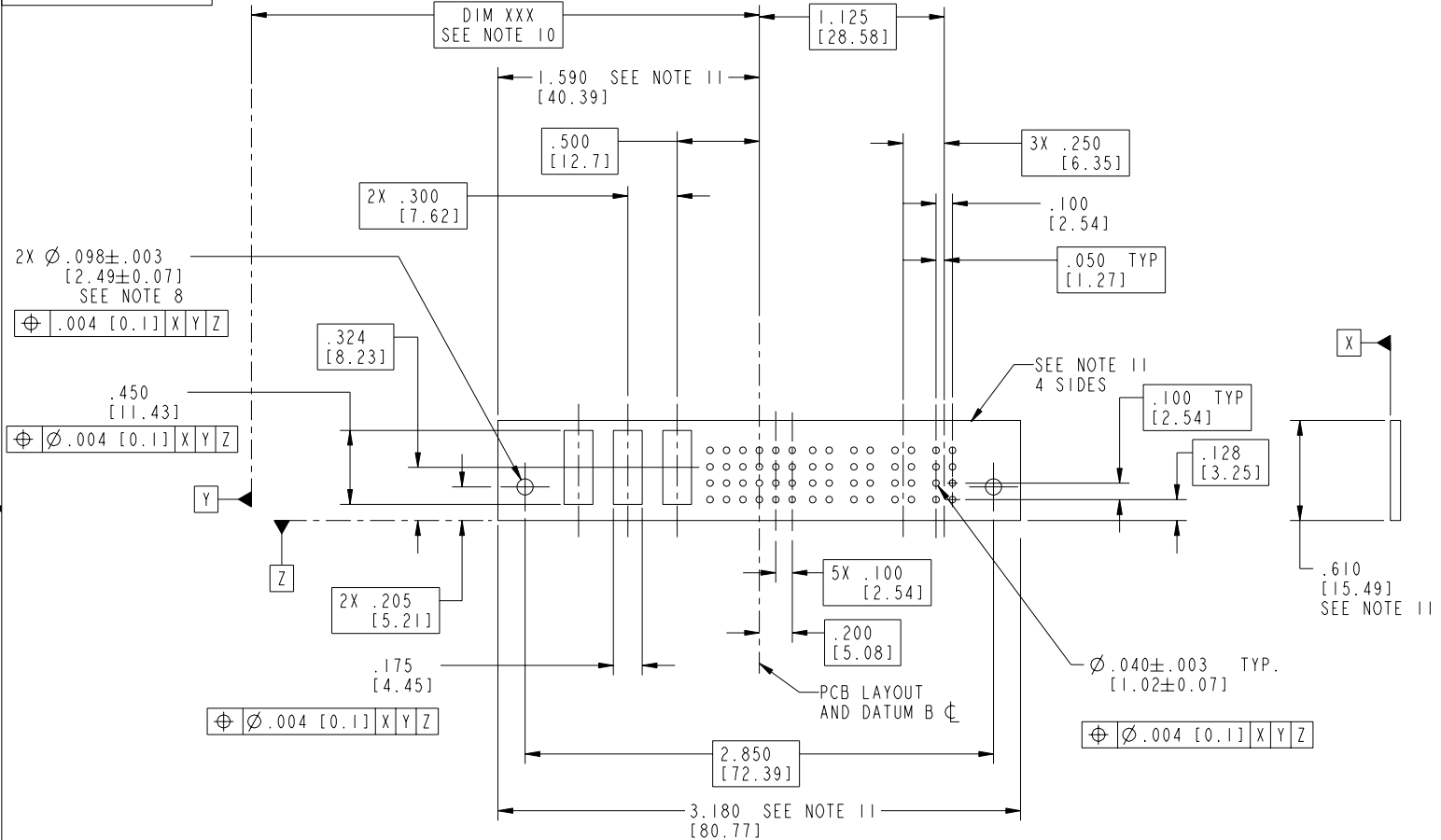
STATUS: Released

Printed: Aug 15, 2007

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PRODUCT NUMBER
51897-005_
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
B					.XXX±.005/0.XX±0.13					4P + 24S + 3ACP VERTICAL PRESS FIT RECEPT CABLE PORT	
				angles	.XXX±.0020/0.XX±0.051					product family	
				dr	0°±2°			scale		PwrBlade	
				engr	D. INGRAM 03/25/03			size		code	
				chr	M. MOSTOLLER 03/25/03			A		213	
				appd	M. MOSTOLLER 03/25/03			51897-005		sheet	
sheet index		revision sheet								3 of 4	

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Aug 15, 2007

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

cage code 22526 4