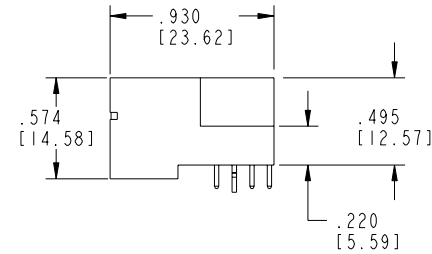
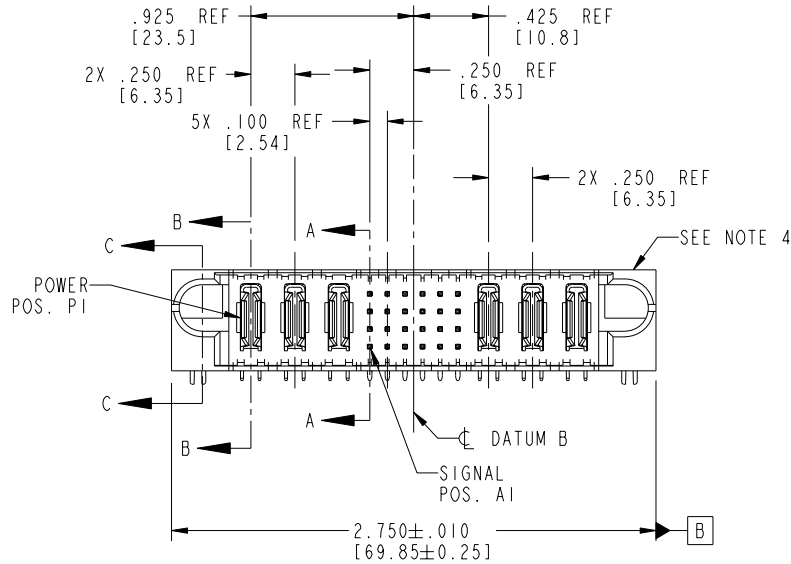
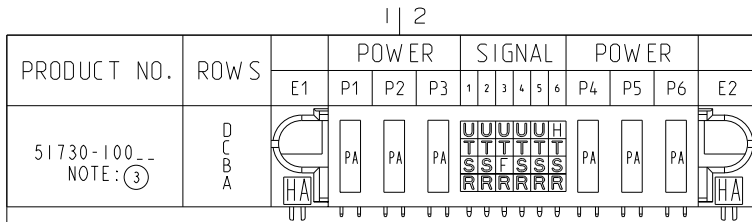


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

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		title	
A	V04-0844	TAB	08/17/04			.XXX±.005/0.XX±0.13		projection		3P + 24S + 3P	
B	DG05-0227	SJ	07/15/05			.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER	
C	DG05-0463	CS	11/14/05	angles		0°±2°				product family	
				dr	T. BRUNGARD	08/17/04		PwrBlade		code	
				enr	M. GRAY	08/17/04		size		213	
				chr	M. GRAY	08/17/04		dwg no		sheet	
				appd	M. GRAY	08/17/04		A		1 of 4	
sheet index		revision	C	C	C	C		scale		1:1	
		sheet	1	2	3	4					

cage code 22526 4

Pro/E

PDM: Rev:C

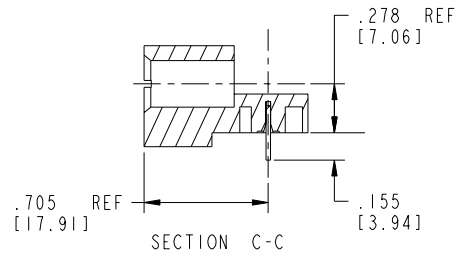
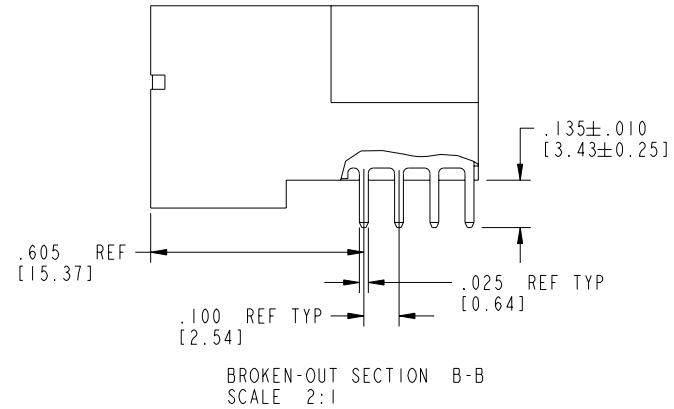
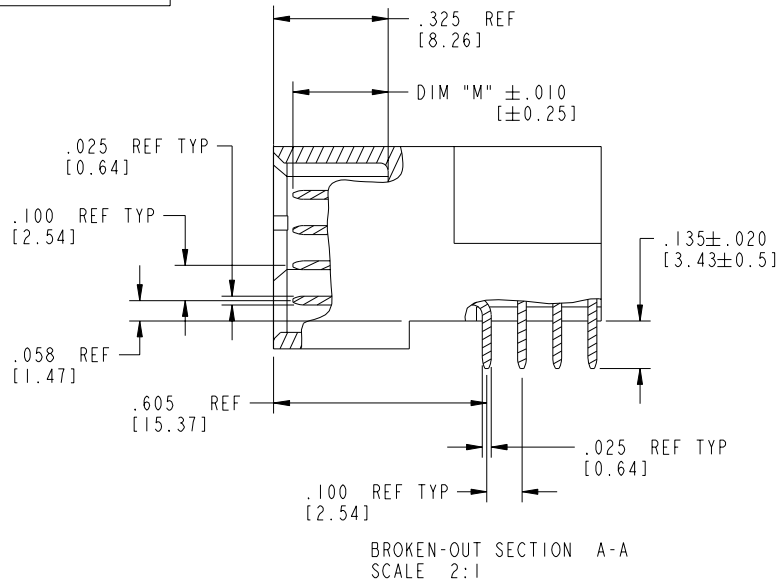
STATUS:Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-100_-
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
C				angles	.XXX±.005/0.XX±0.13	INCH/MM			3P + 24S + 3P
				dr	.XXX±.0020/0.XXX±0.051	scale			RIGHT ANGLE SOLDER HEADER
				enr	0°±2°	1:1		product family	PwrBlade
				chr	T. BRUNGARD 08/17/04			size	213
				appd	M. GRAY 08/17/04			scale	51730-100
					M. GRAY 08/17/04			sheet	2 of 4
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:C

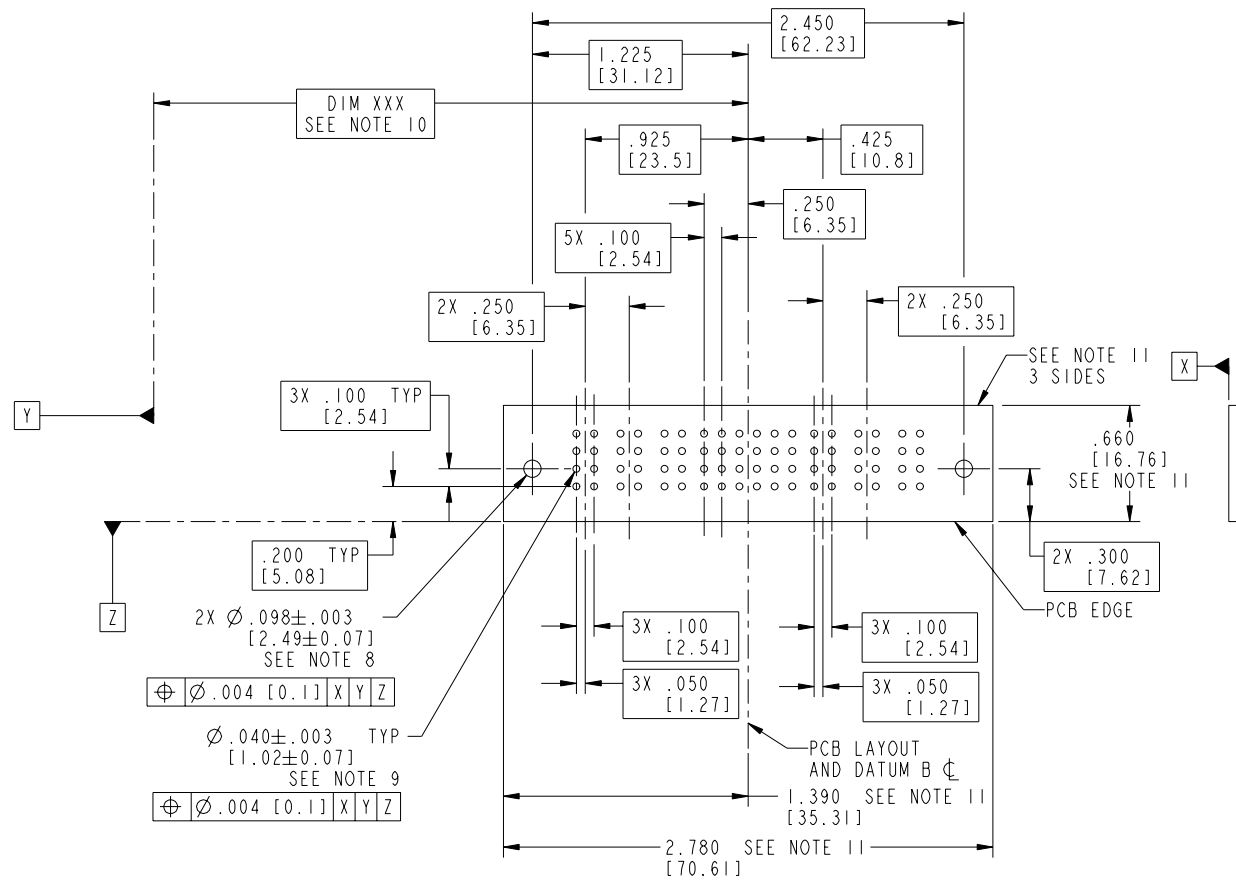
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-100--
NOTE: ③



RECOMMENDED PCB LAYOUT

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		title 3P + 24S + 3P	
C				angles	.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER	
				dr	.XXXX±.0020/0.XXX±0.051			product family PwrBlade	
				enr	0°±2°	INCH/MM		code 213	
				chr	T. BRUNGARD 08/17/04	scale 1:1		size dwg no 51730-100	
				appd	M. GRAY 08/17/04			sheet 3 of 4	
sheet index	revision sheet								

cage code 22526

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1 | 2

3 |

4

PRODUCT NUMBER
51730-100_-
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:

51730-100 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.

51730-100LF 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 51730-100LF 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 ± 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		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
C					.XXX±.005/0.XX±0.13				3P + 24S + 3P
				angles	XXXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER
				dr	0° ± 2°	INCH/MM		product family	PwrBlade
				enr	T. BRUNGARD 08/17/04	scale		size	code
				chr	M. GRAY 08/17/04	1:1		dwg no	213
				appd	M. GRAY 08/17/04			51730-100	sheet
sheet index	revision sheet								4 of 4

A

A

B

B

1 | 2

3 |

4

Pro/E

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