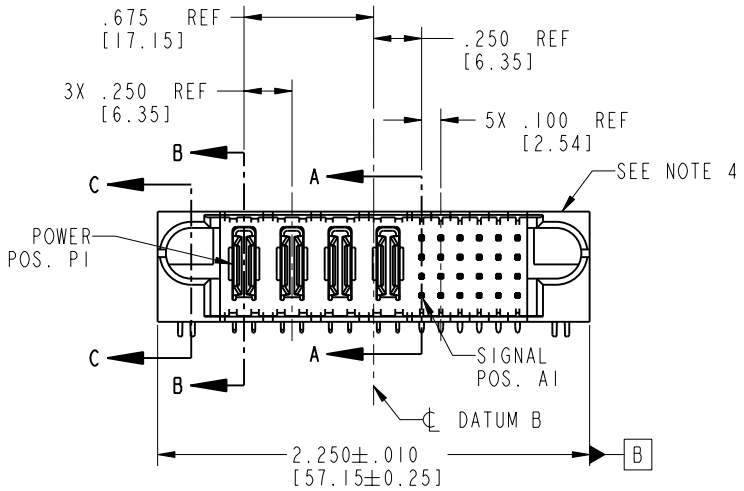
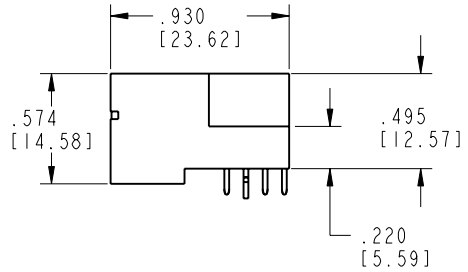
PRODUCT NO.	ROWS	POWER				SIGNAL						
		E1	P1	P2	P3	P4	1	2	3	4	5	6	E2
51732-023__ NOTE: 3	D C B A	HA	PA	PA	PA	PA	U	U	U	U	U	H	HA
							T	T	T	T	T	T	
							S	S	S	S	S	S	
							E	R	R	R	R	R	





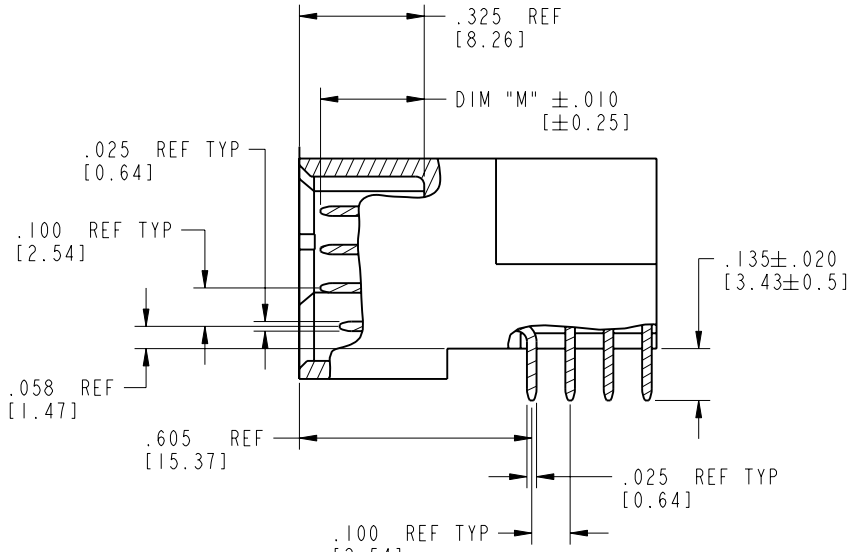
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code	SEE NOTE 2			tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
A	V04-1007	TAB	10/05/04	linear	.XX±.01/0.X±0.3		projection	title 4P + 24S RIGHT ANGLE SOLDER HEADER
B	DG05-0554	GuoJM	12/19/05		.XXX±.005/0.XX±0.13			
					.XXXX±.0020/0.XXX±0.051			
				angles	0°±2°			
				dr	T. BRUNGARD	10/05/04	INCH/MM	product family PwrBlade / code 213
				engr	M. GRAY	10/05/04		
				chr	M. GRAY	10/05/04	scale 1:1	size A / dwg no 51732-023 / sheet 1 of 4
				appd	M. GRAY	10/05/04		
sheet index	revision	B	B	B	B			
	sheet	1	2	3	4			cage code 22526

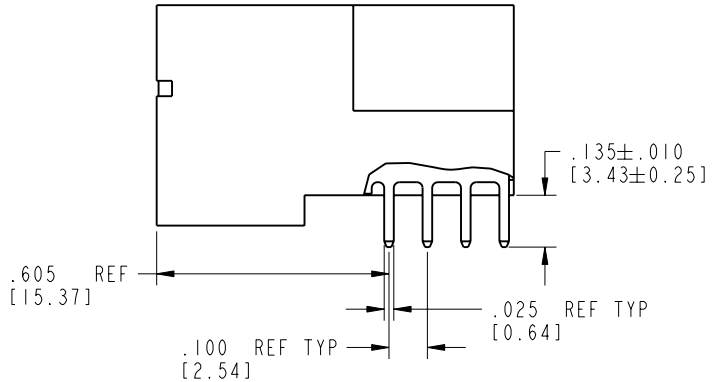
Pro/E

PDM: Rev:B STATUS: Released Printed: Oct 08, 2006

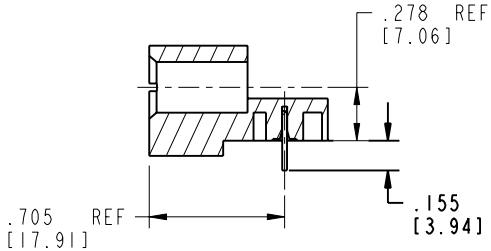
PRODUCT NUMBER
51732-023__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



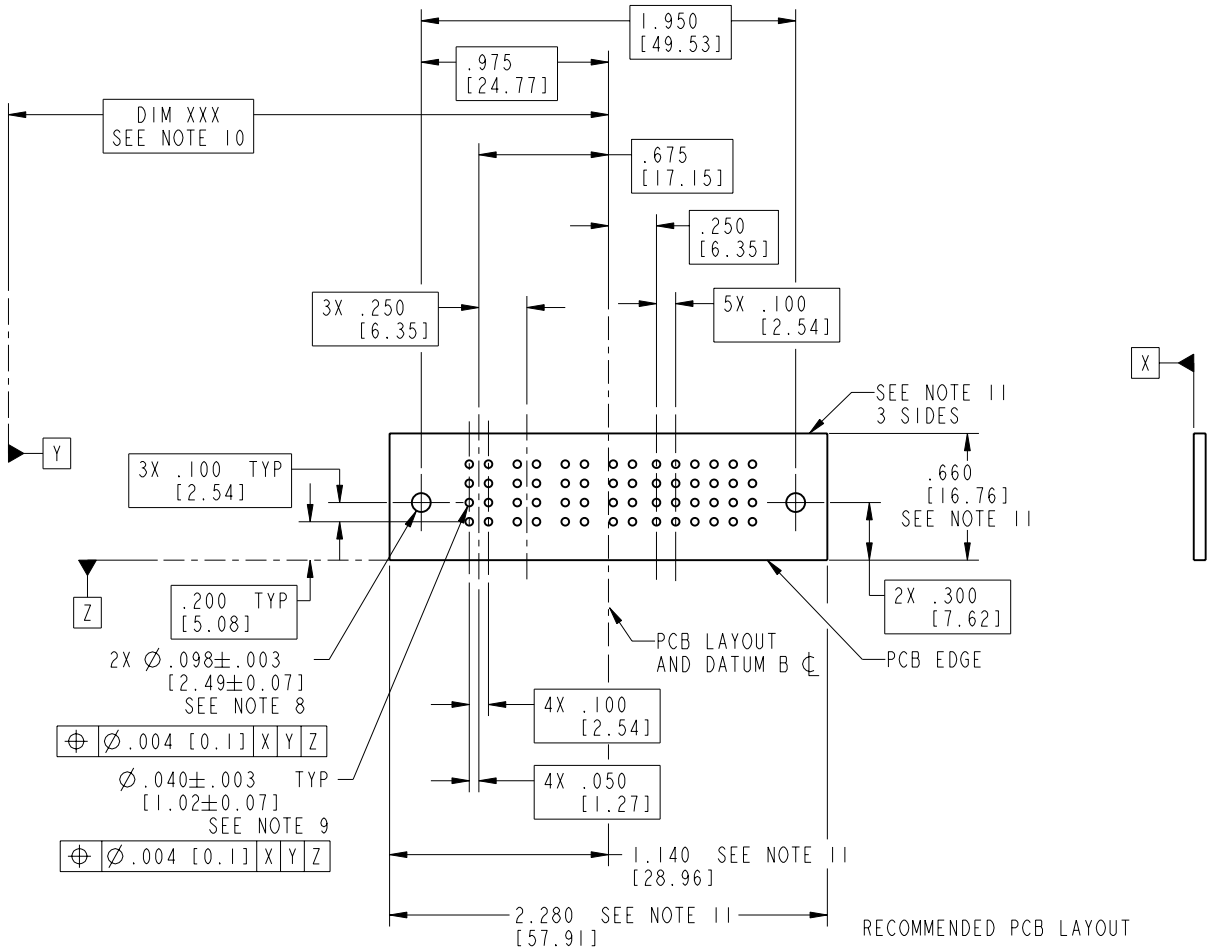
SECTION C-C

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				
B					.XXX±.005/0.XX±0.13		projection	title	4P + 24S RIGHT ANGLE SOLDER HEADER		
					.XXXX±.0020/0.XXX±0.051						
				angles	0° ±2°						
				dr	T. BRUNGARD	10/05/04	INCH/MM	product family	PwrBlade	code	213
				engr	M. GRAY	10/05/04		size	dwg no		
				chr	M. GRAY	10/05/04	scale	A	51732-023	sheet	2 of 4
				appd	M. GRAY	10/05/04	1:1				
sheet index	revision										
	sheet										

Pro/E	cage code 22526

PDM: Rev:B STATUS: Released Printed: Oct 08, 2006

PRODUCT NUMBER
51732-023__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code	SEE NOTE 2			tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
B				linear	.XX±.01/0.X±0.3		projection	title: 4P + 24S RIGHT ANGLE SOLDER HEADER
					.XXX±.005/0.XX±0.13			
					.XXXX±.0020/0.XXX±0.051			
				angles	0°±2°			
				dr	T. BRUNGARD	10/05/04	INCH/MM	product family: PwrBlade; code: 213
				engr	M. GRAY	10/05/04		size: A; dwg no: 51732-023; sheet: 3 of 4
				chr	M. GRAY	10/05/04	scale: 1:1	
				appd	M. GRAY	10/05/04		
sheet index	revision sheet							

Pro/E

cage code 22526

PDM: Rev:B STATUS: Released Printed: Oct 08, 2006

PRODUCT NUMBER
51732-023__ 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:

51732-023 Signal 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.

51732-023LF Signal 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 51732-023LF 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.) Ø.0453±.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 Ø.040±.003 [1.02±.07] HOLE.

(10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

(11.) CONNECTOR KEEP-OUT ZONE.

mat'l code	SEE NOTE 2		
ltr	ecn no.	dr	date
B			

tolerances unless otherwise specified		
linear	.XX±.01/0.X±0.3	
	.XXX±.005/0.XX±0.13	
	.XXXX±.0020/0.XXX±0.051	
angles	0° ±2°	
dr	T. BRUNGARD	10/05/04
engr	M. GRAY	10/05/04
chr	M. GRAY	10/05/04
appd	M. GRAY	10/05/04

CUSTOMER COPY
projection
INCH/MM
scale 1:1

FCI www.fciconnect.com
title: 4P + 24S RIGHT ANGLE SOLDER HEADER
product family: PwrBlade
code: 213
size: A
dwg no: 51732-023
sheet: 4 of 4
cage code: 22526

sheet index | revision | sheet

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PDM: Rev:B STATUS: Released Printed: Oct 08, 2006