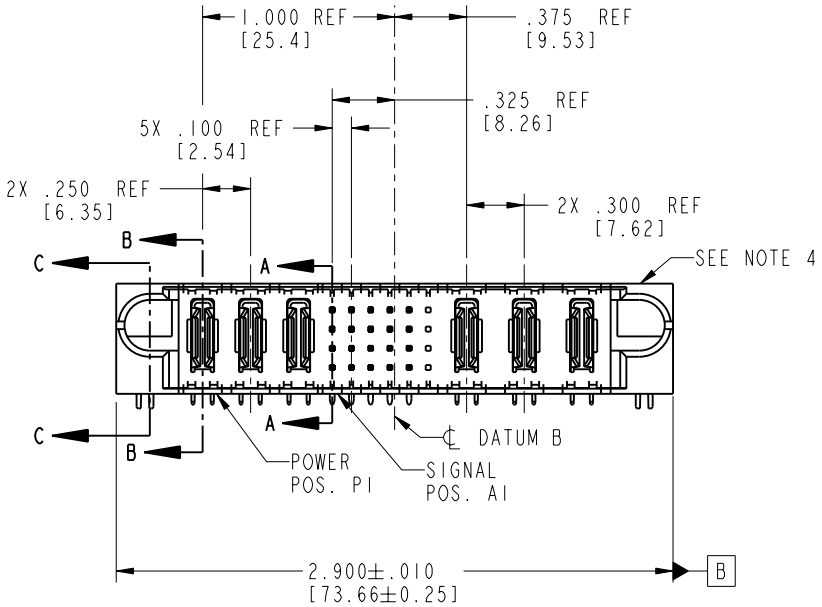
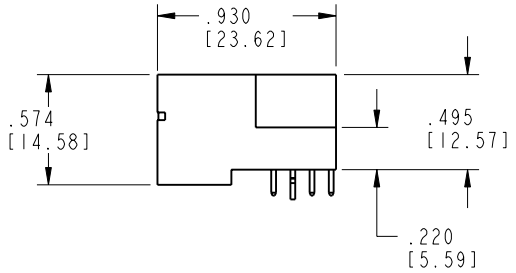
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PRODUCT NO.	ROWS	POWER E1	POWER P1	POWER P2	POWER P3	SIGNAL 1	SIGNAL 2	SIGNAL 3	SIGNAL 4	SIGNAL 5	SIGNAL 6	POWER P4	POWER P5	POWER P6	POWER E2
51862-002__ NOTE: 3	D C B A	HA	PA	PA	PA	U	H	H	H	H	X	PA	PA	PA	HA
						T	G	G	G	G	X				
						S	F	F	F	F	X				
						R	E	E	E	E	X				





CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.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
X	OMITTED	OMITTED

ltr	ecn no.	dr	date
A	V11532	JWS	05-07-01
B	V20776	JWS	05-20-02
C	DG05-0572	JMG	01/04/06

sheet index	revision	C	C	C	C
	sheet	1	2	3	4

mat'l code: SEE NOTE 2

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	J. SHAFFER	05-20-02
engr	M. MOSTOLLER	05-20-02
chr	M. MOSTOLLER	05-20-02
appd	M. MOSTOLLER	05-20-02

CUSTOMER COPY

projection

INCH/MM

scale 1:1

FCI www.fciconnect.com

title: 3P + 24S + 3P RIGHT ANGLE SOLDER HEADER

product family: PwrBlade

code: 213

size: A

dwg no: 51862-002

sheet: 1 of 4

cage code: 22526

Pro/E

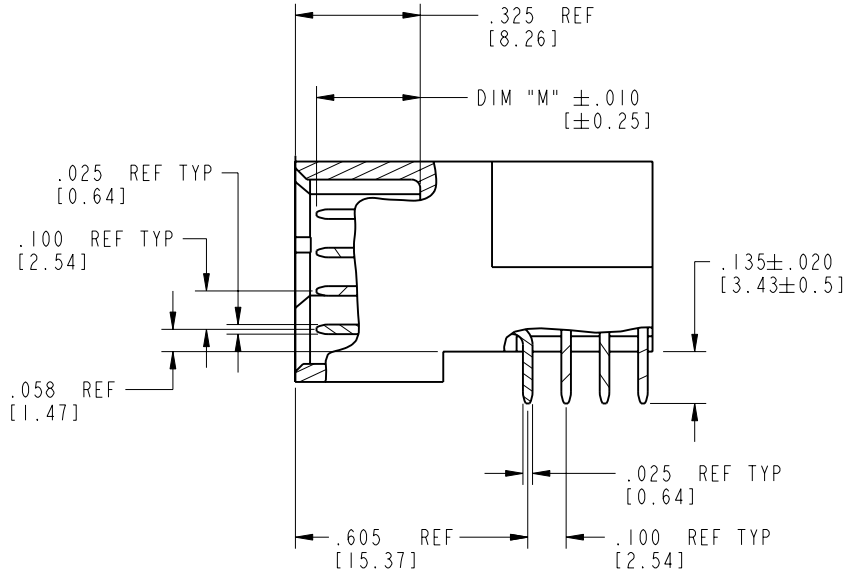
PDM: Rev:C STATUS: Released Printed: Oct 08, 2006

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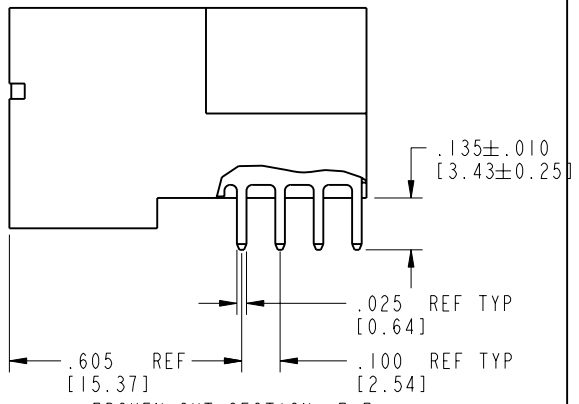
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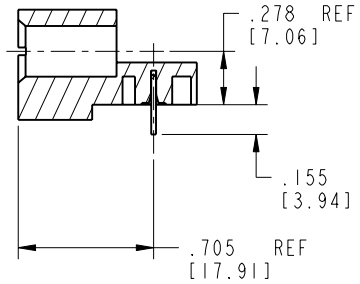
PRODUCT NUMBER
51862-002__
NOTE: 3



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	
C					.XXX±.005/0.XX±0.13		projection	title: 3P + 24S + 3P RIGHT ANGLE SOLDER HEADER
					.XXXX±.0020/0.XXX±0.051			
				angles	0° ±2°			
				dr	J. SHAFFER	05-20-02	INCH/MM	product family: PwrBlade; code: 213
				engr	M. MOSTOLLER	05-20-02		size: A; dwg no: 51862-002; sheet: 2 of 4
				chr	M. MOSTOLLER	05-20-02	scale: 1:1	
				appd	M. MOSTOLLER	05-20-02		
sheet index	revision sheet							

cage code 22526

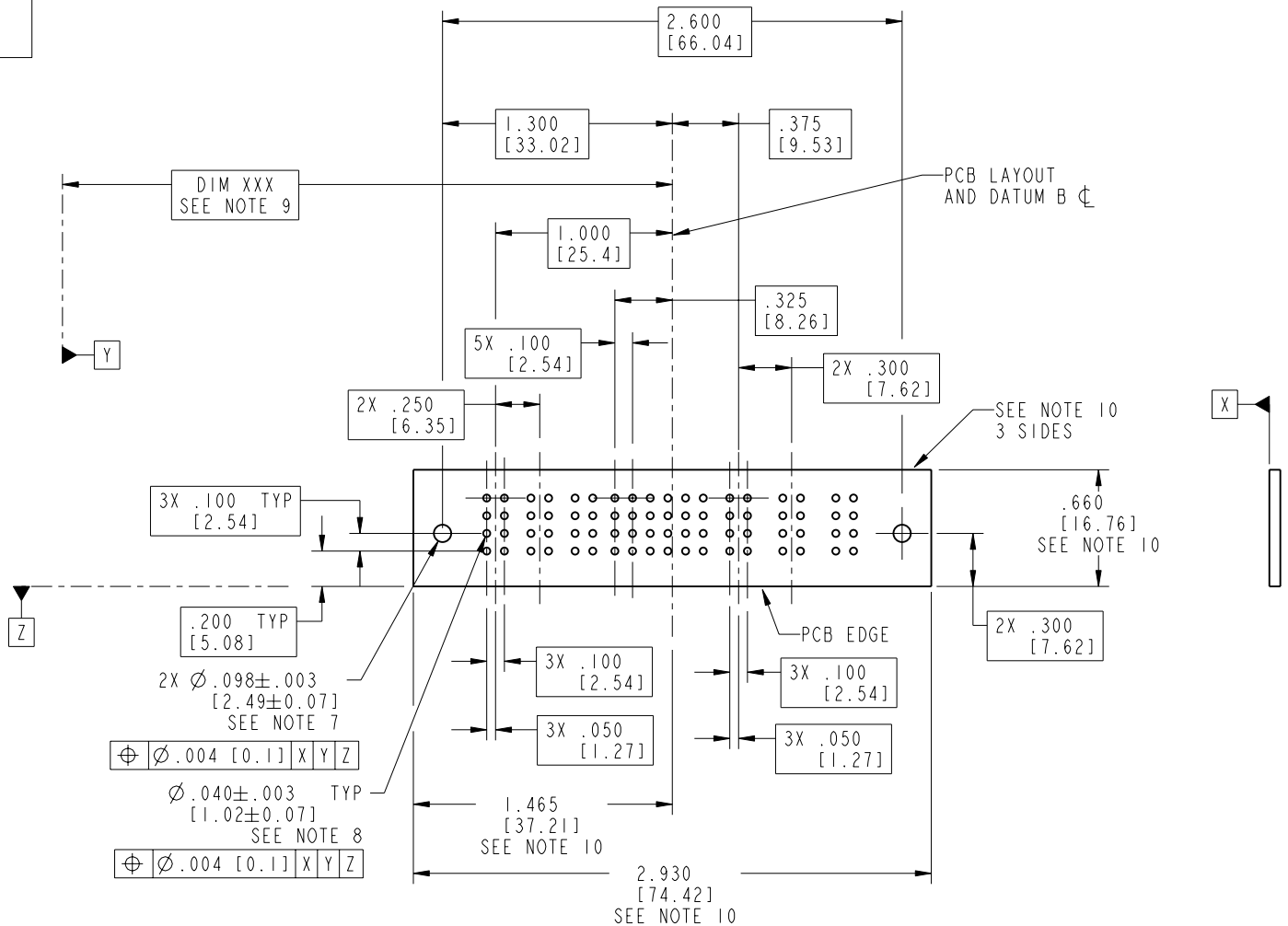
Pro/E

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

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PRODUCT NUMBER
51862-002__ 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		linear	.XX±.01/0.X±0.3	COPY	
C			.XXX±.005/0.XX±0.13	projection	title: 3P + 24S + 3P RIGHT ANGLE SOLDER HEADER
			.XXXX±.0020/0.XXX±0.051		
		angles	0° ±2°		
		dr	J. SHAFFER 05-20-02	INCH/MM	product family: PwrBlade; code: 213
		engr	M. MOSTOLLER 05-20-02		
		chr	M. MOSTOLLER 05-20-02	scale 1:1	size: A; dwg no: 51862-002; sheet: 3 of 4
		appd	M. MOSTOLLER 05-20-02		
sheet index	revision sheet				

cage code 22526

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PRODUCT NUMBER
51862-002__ 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. 51862-002;51862-002LF;51862-002GLF PLATING SPEC. SEE PRINT:10064183

(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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

(8.) Ø.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.07] HOLE.

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

(10.) 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	
C			.XXX±.005/0.XX±0.13	projection	title: 3P + 24S + 3P RIGHT ANGLE SOLDER HEADER
			.XXXX±.0020/0.XXX±0.051		
		angles	0° ±2°		
		dr	J. SHAFFER 05-20-02	INCH/MM	product family: PwrBlade; code: 213
		engr	M. MOSTOLLER 05-20-02		
		chr	M. MOSTOLLER 05-20-02	scale 1:1	size: A; dwg no: 51862-002; sheet: 4 of 4
		appd	M. MOSTOLLER 05-20-02		
sheet index	revision / sheet				cage code: 22526

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