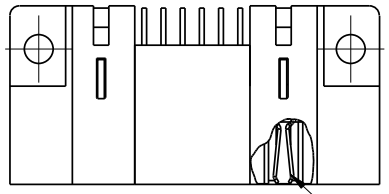
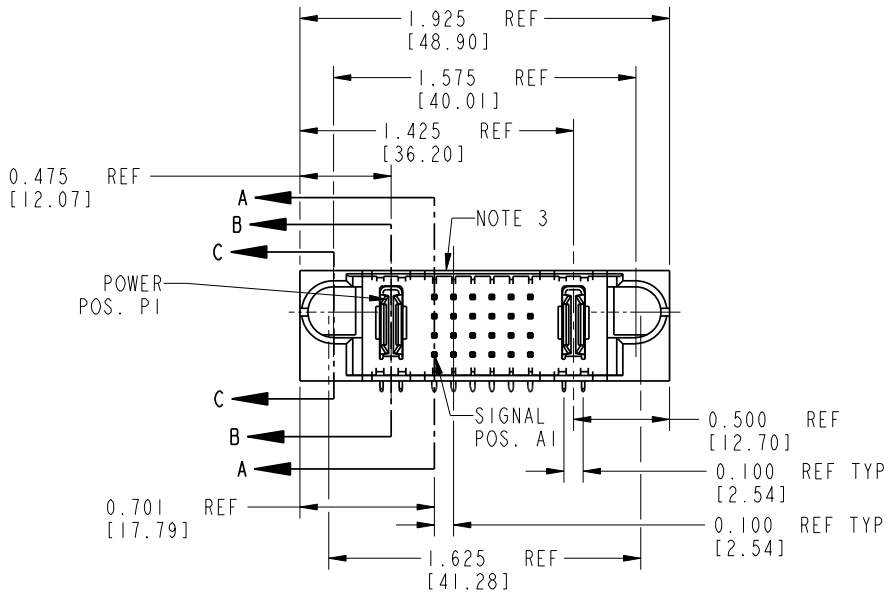
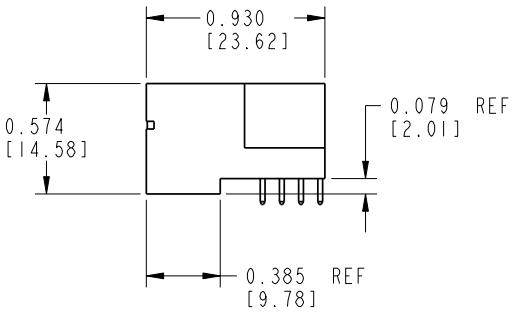
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PRODUCT No.	ROWS	EI	POWER PI	SIGNAL 1	2	3	4	5	6	POWER P2	E2
51882-001__ NOTE: (2)	D C B A		PA	U T S R	U T S R	U T S R	U T S R	F	U T S R	PA	







CODE	DIM "M" ±0.010 [0.25]	CONTACT TYPE
F	0.220 [5.59]	SIGNAL
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code	SEE NOTES

ltr	ecn no.	dr	date
A	V10871	JWS	02-08-01
B	V11848	LSS	07/10/01
C	V12290	JWS	10/05/01
D	V03-0571	TAB	05/28/03
E	DG05-0212	SJ	07/07/05
F	DG06-0005	JMG	01/05/06

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	02-08-01	
engr	J. DODDS	02-08-01	
chr	J. DODDS	02-08-01	
appd	J. DODDS	02-08-01	

sheet index	revision	F	F	F	F
	sheet	1	2	3	4

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projection

MM

scale 1:1

FCI www.fciconnect.com

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title: IP + 24S + IP RIGHT ANGLE SOLDER HEADER

product family: PwrBlade | code: 213

size: A | dwg no: 51882 | sheet: 1 of 4

cage code: 22526

STATUS: Released

PDM: Rev:F

Printed: Dec 20, 2010

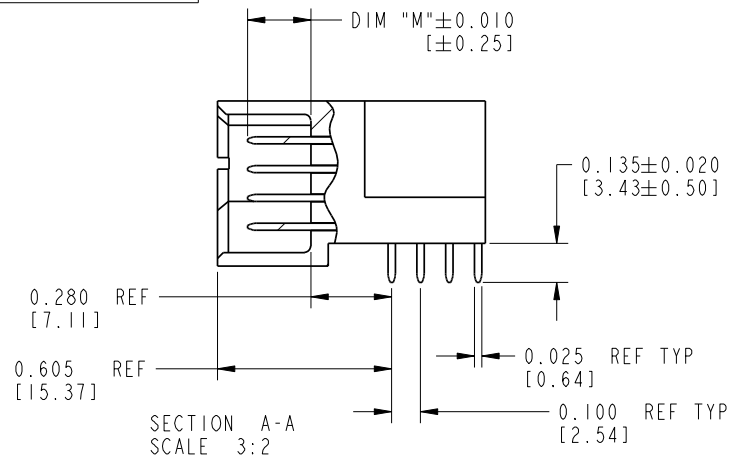
Pro/E

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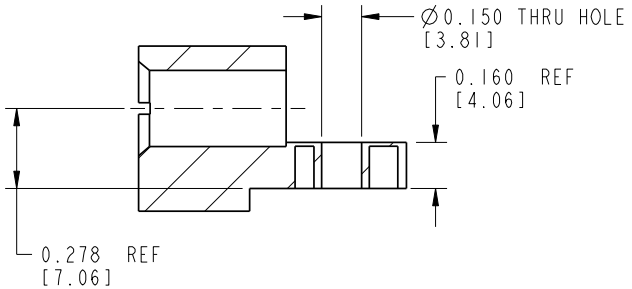
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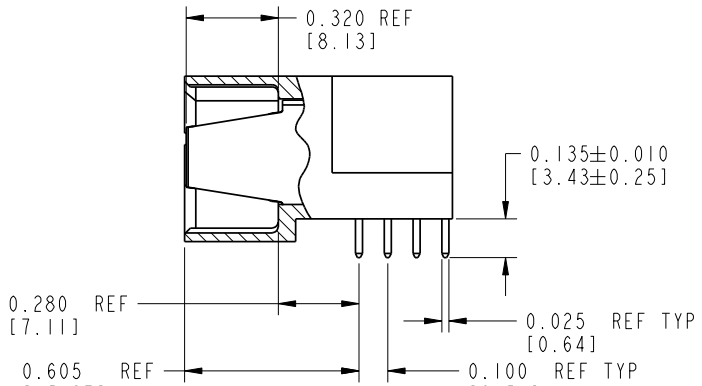
PRODUCT NUMBER
51882-001__ NOTE: (2)



SECTION A-A
SCALE 3:2



SECTION C-C
SCALE 3:2



SECTION B-B
SCALE 3:2

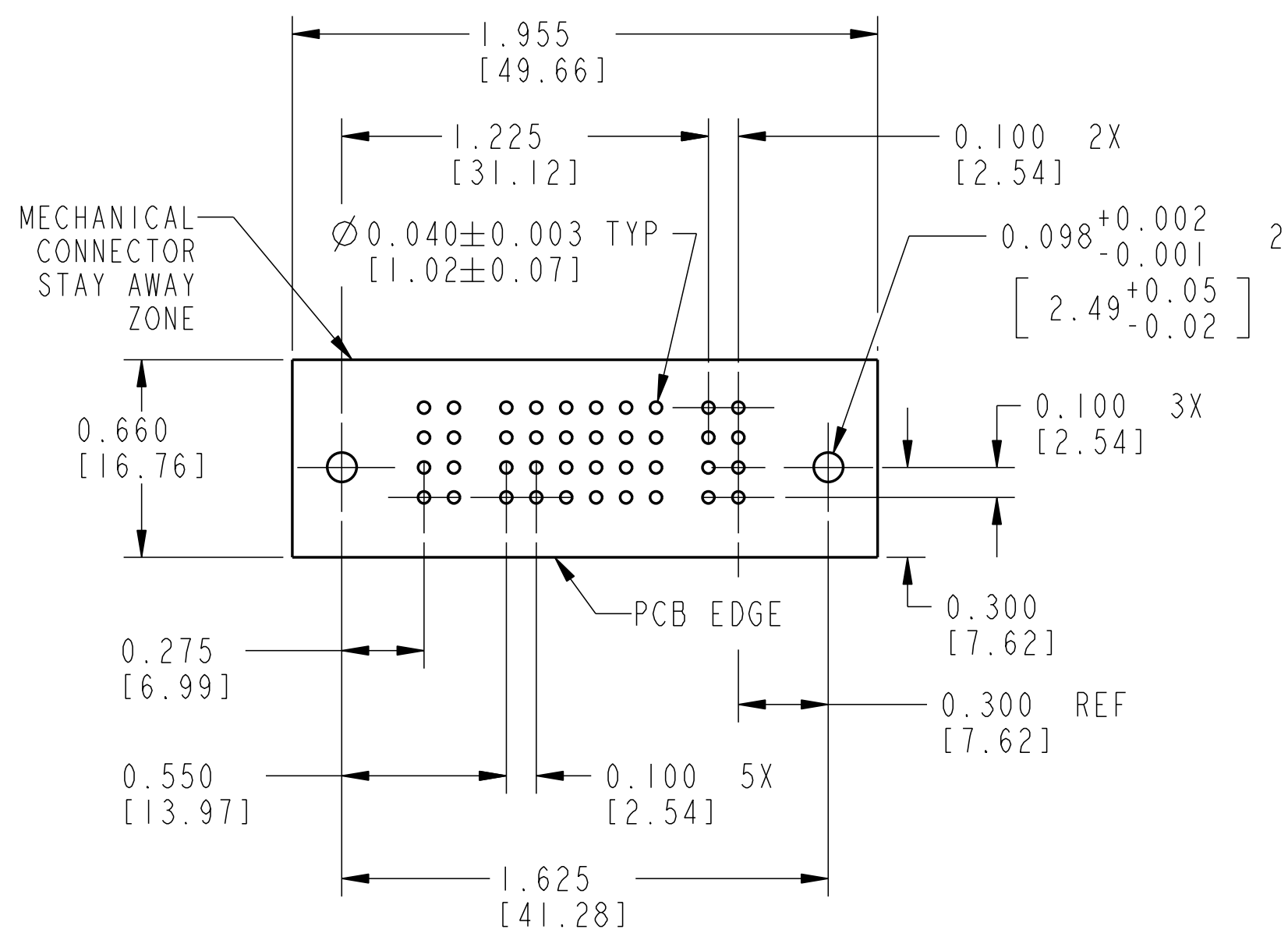
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mat'l code	SEE NOTES			tolerances unless otherwise specified			CUSTOMER	FCI	www.fciconnect.com		
ltr	ecn no.	dr	date		.XX±.01/0.X±0.3		COPY				
F				linear	.XXX±.005/0.XX±0.13		projection	title	IP + 24S + IP RIGHT ANGLE SOLDER HEADER		
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°						
				dr	J. SHAFFER	02-08-01	MM	product family	PwrBlade	code	213
				engr	J. DODDS	02-08-01		size	dwg no		
				chr	J. DODDS	02-08-01	scale	A	51882		sheet
				appd	J. DODDS	02-08-01	1:1				2 of 4
sheet index	revision										
	sheet										

cage code 32526

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PRODUCT NUMBER
51882-001__ NOTE: (2)



RECOMMENDED PCB LAYOUT

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mat'l code	SEE NOTES	tolerances unless otherwise specified		CUSTOMER COPY	FCI www.fciconnect.com
ltr / ecn no. / dr / date		linear	.XX±.01/0.X±0.3; .XXX±.005/0.XX±0.13; .XXXX±.0020/0.XXX±0.051	projection	title: IP + 24S + IP RIGHT ANGLE SOLDER HEADER
F		angles	0°±2°		
		dr	J. SHAFFER 02-08-01	MM	product family: PwrBlade; code: 213
		engr	J. DODDS 02-08-01		size: A; dwg no: 51882
		chr	J. DODDS 02-08-01	scale 1:1	sheet 3 of 4
		appd	J. DODDS 02-08-01		
sheet index	revision sheet				

Pro/E

PDM: Rev:F STATUS: Released

cage code 22526

Printed: Dec 20, 2010

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PRODUCT NUMBER
51882-001__ NOTE: (2)

CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
   POWER CONTACT MATERIAL: COPPER ALLOY
   SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. 51882-001;51882-001LF;51882-001GLF PLATING SPEC. SEE PRINT:10064183

3. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON
   THIS SURFACE

4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE

8. ∅0.158[4.01] THROUGH HOLES ARE UNPLATED.

9. ∅0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
   0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
   PLATING TO ACHIEVE A ∅0.040±0.003 [1.02±0.07] HOLE.

10. CONNECTOR CONTAINS REVISED POWER CONTACTS.

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mat'l code	SEE NOTES	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com
ltr / ecn no. / dr / date		.XX±.01/0.X±0.3		COPY	
F		linear	.XXX±.005/0.XX±0.13	projection	title: IP + 24S + IP RIGHT ANGLE SOLDER HEADER
			.XXXX±.0020/0.XXX±0.051		
		angles	0° ±2°		
		dr	J. SHAFFER 02-08-01	INCH/MM	product family: PwrBlade; code: 213
		engr	J. DODDS 02-08-01		size: A; dwg no: 51882; sheet: 4
		chr	J. DODDS 02-08-01	scale 1:1	
		appd	J. DODDS 02-08-01		
sheet index / revision / sheet					

cage code 32526

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