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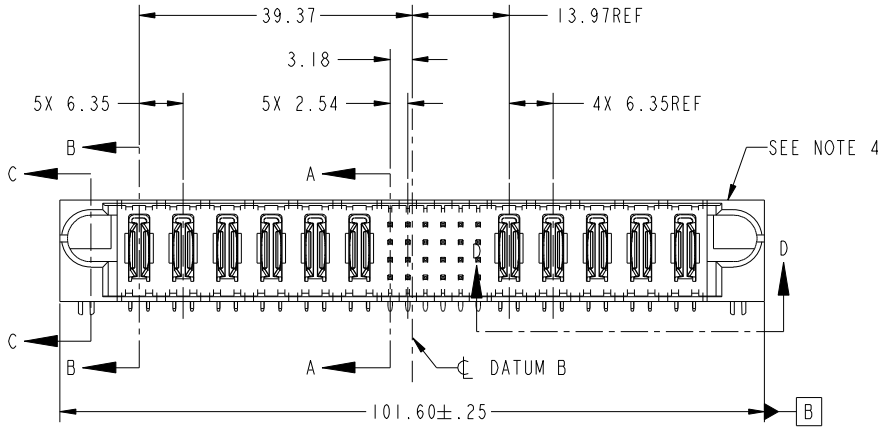
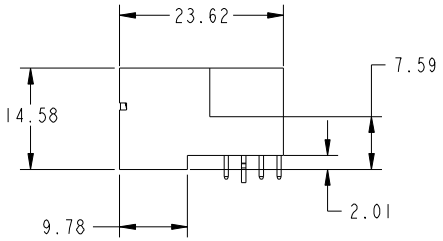
PRODUCT NO.	ROWS	E1	POWER P1	P2	P3	P4	P5	P6	SIGNAL 1	2	3	4	5	6	POWER P7	P8	P9	P10	P11	E2
51730-007__ NOTE: 3	D C B A	HA	PA	PA	PA	PA	PA	PA	U T S R	U T S R	U T S E	U T S R	H T S F	U T S R	PA	PA	PA	PA	PA	HA





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

ltr	ecn no.	dr	date
A	V02906	JRW	12-08-00
B	V20009	JWS	01-14-02
C	DG05-0200	SJ	06/30/05
D	DG05-0415	GuoJM	10/25/05
E	DG08-0273	JW	12/26/08

sheet index	revision	E	E	E	E
	sheet	1	2	3	4

mat'l code: SEE NOTE

tolerances unless otherwise specified: linear 0.X ±0.5; 0.XX ±0.25; 0.XXX ±0.10; angles 0° ±2°

dr	J. SHAFFER	01-14-02
engr	M. MOSTOLLER	01-14-02
chr	M. MOSTOLLER	01-14-02
appd	M. MOSTOLLER	01-14-02

CUSTOMER COPY

projection

MM

scale 1:1

FCI www.fciconnect.com

title: 6P + 24S + 5P RIGHT ANGLE SOLDER HEADER

product family: PwrBlade

code: 213

size: A

dwg no: 51730-007

sheet: 1 of 4

cage code: 22526

Pro/E

PDM: Rev:E STATUS:Released Printed: Dec 20, 2010

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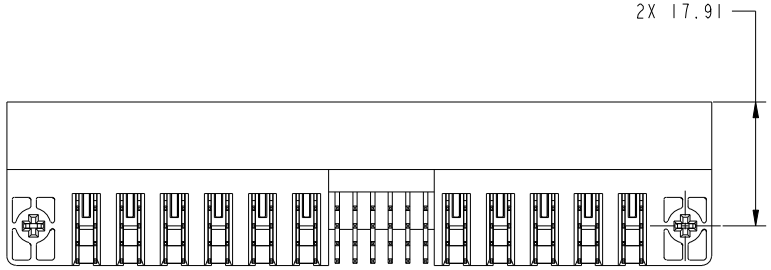
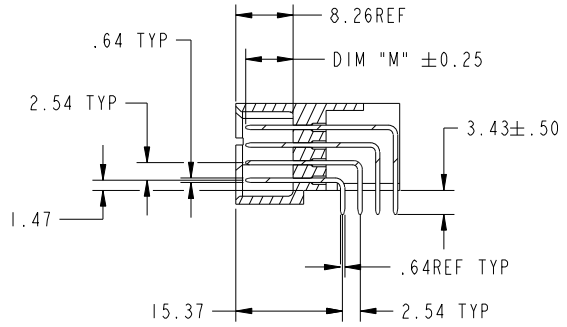
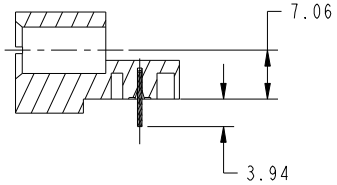
PRODUCT NUMBER
51730-007__ NOTE: 3



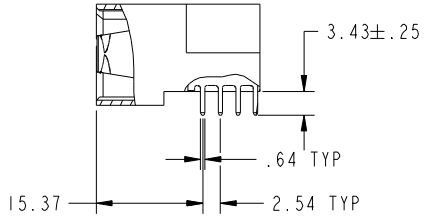
VIEW D-D



SECTION A-A



SECTION C-C



⚠E SECTION B-B

mat'l code	SEE NOTE	tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com
ltr / ecn no. / dr / date		linear	0.X ±0.5	COPY	
E			0.XX ±0.25	projection	title: 6P + 24S + 5P RIGHT ANGLE SOLDER HEADER
			0.XXX ±0.10		
		angles	0° ±2°		
		dr	J. SHAFFER 01-14-02	MM	product family: PwrBlade; code: 213
		engr	M. MOSTOLLER 01-14-02		size: A; dwg no: 51730-007; sheet: 2
		chr	M. MOSTOLLER 01-14-02	scale	
		appd	M. MOSTOLLER 01-14-02	1:1	
sheet / revision					
index / sheet					cage code: 22526

Pro/E

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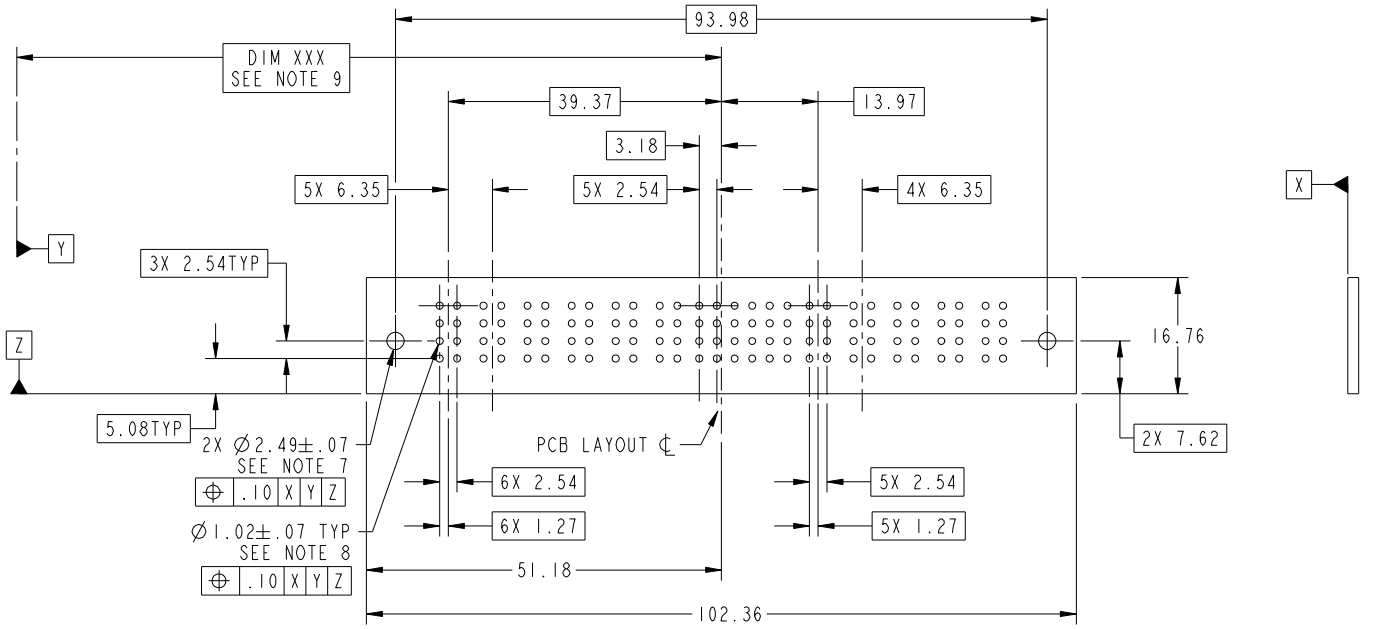
PRODUCT NUMBER
51730-007__ NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code	SEE NOTE	tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no. / dr / date	linear	0.X ±0.5		COPY	
E			0.XX ±0.25		projection	title: 6P + 24S + 5P RIGHT ANGLE SOLDER HEADER
			0.XXX ±0.10			
		angles	0° ±2°			
		dr	J. SHAFFER	01-14-02	MM	product family: PwrBlade / code: 213
		engr	M. MOSTOLLER	01-14-02		size: A / dwg no: 51730-007 / sheet: 3
		chr	M. MOSTOLLER	01-14-02	scale	
		appd	M. MOSTOLLER	01-14-02	1:1	
sheet index / revision sheet						cage code: 22526

Pro/E

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PRODUCT NUMBER
51730-007__ NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

(2) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

(3) PLATING:
△E SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-007; 51730-007LF PRESPECTIVELY

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

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. Ø1.151±0.025 DRILLED HOLES PLATED WITH 0.008 MIN SnPb OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE Ø1.02±.07 HOLE.

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

10. A △E SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

| | | |