

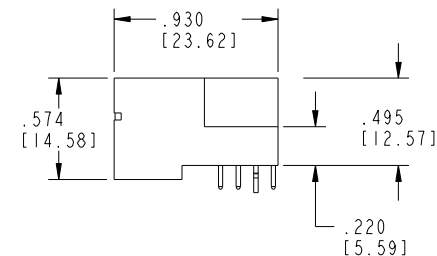
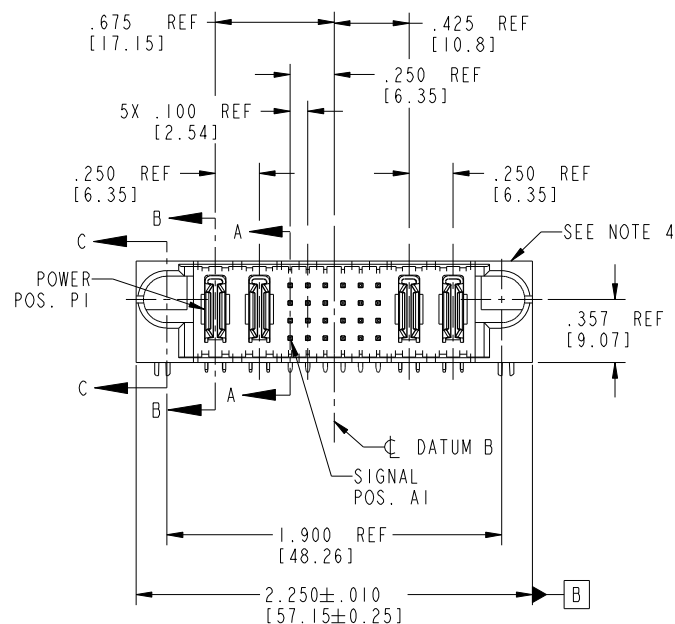


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

PRODUCT NO.	ROW S		POWER		SIGNAL						POWER		
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2
51730-097-- NOTE:3	D C B A		 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	
			 PA	 PA	 H	 U	 U	 U	 U	 U	 PA	 PA	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V04-0621	TAB	06/10/04				.XXX±.005/0.XX±0.13	projection		title 2P + 24S + 2P	
B	V04-0640	TAB	06/16/04			angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
C	DG05-0549	CS	12/19/05				0°±2°	INCH/MM		product family	PwrBlade
D	DG08-0253	SH	09/13/08			dr	T. BRUNGARD 06/10/04	scale		size	dwg no
						enrg	M. GRAY 06/10/04	1:1		A	51730-097
						chr	M. GRAY 06/10/04				
						appd	M. GRAY 06/10/04				
sheet index	revision	D	D	D	D					cage code	22526
	sheet	1	2	3	4						

Pro/E

3

cage code 22526

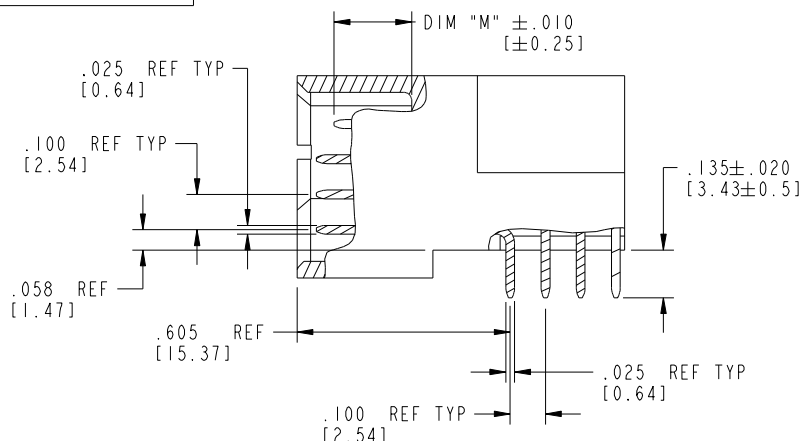
4

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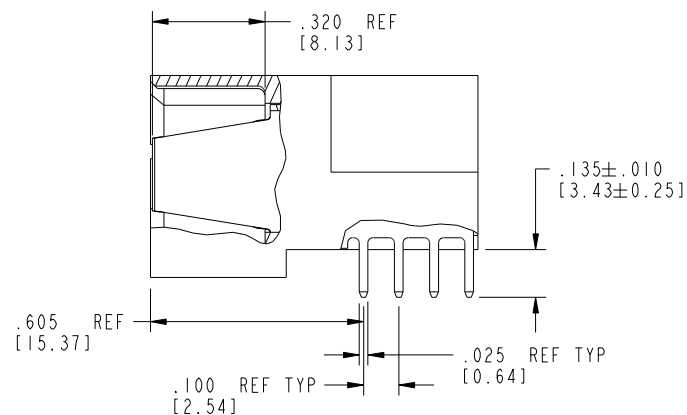


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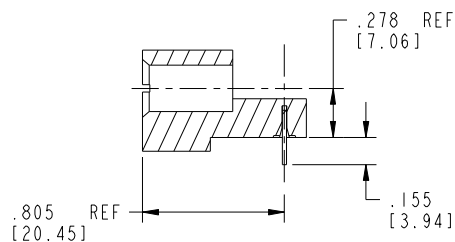
PRODUCT NUMBER
51730-097--
NOTE: 3



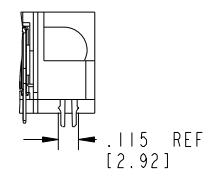
BROKEN-OUT SECTION A-A
SCALE 2:1



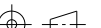
BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
litr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY											
D					$.XXX \pm .005 / 0.XX \pm 0.13$															
					$.XXX \pm .0020 / 0.XXX \pm 0.051$															
				angles	$0^\circ \pm 2^\circ$								title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER							
				dr	T. BRUNGARD 06/10/04															
				enrg	M. GRAY 06/10/04															
				chr	M. GRAY 06/10/04				scale 1:1				product family PwrBlade							
				appd	M. GRAY 06/10/04								size		dwg no		213			
sheet index		revision sheet												A		51730-097		sheet 2 of 4		

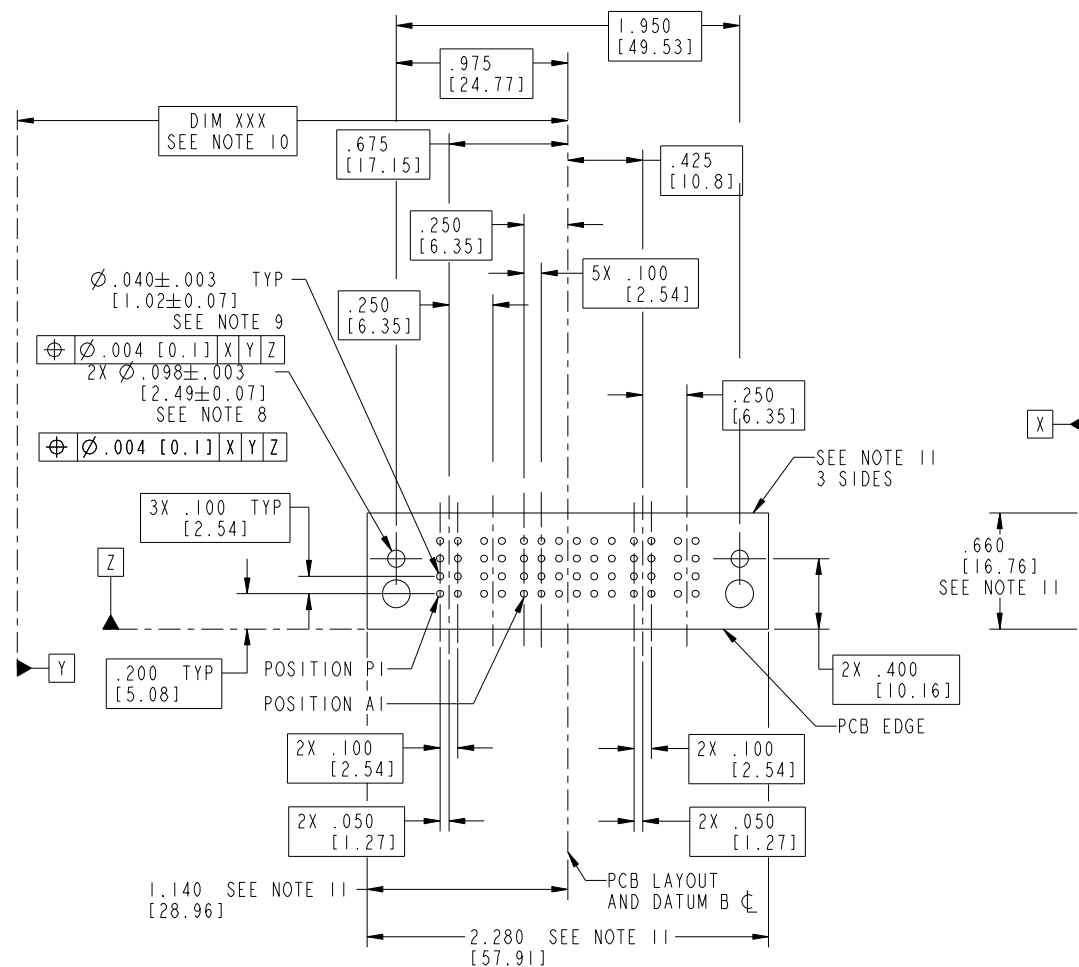
Pro/E



B

A

PRODUCT NUMBER
51730-097--
NOTE: 3



RECOMMENDED PCB LAYOUT

[illegible]

cage code	22526
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Pro/E

3

4

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PRODUCT NUMBER
51730-097--
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:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-097 AND 51730-097LF RESPECTIVELY

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 $\pm$ 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.

12: A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date					COPY					
D				linear		.XX $\pm$.01 / 0.X $\pm$ 0.3		projection		title	2P + 24S + 2P		
						.XXX $\pm$.005 / 0.XX $\pm$ 0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051							
						0° $\pm$ 2°							
				dr	T. BRUNGARD	06/10/04		INCH/MM		product family	PwrBlade	code	
				enrg	M. GRAY	06/10/04				size	dwg no	213	
				chr	M. GRAY	06/10/04		scale		A	51730-097	sheet	4 of 4
				appd	M. GRAY	06/10/04		1:1					
sheet index	revision			sheet									

cage code 22526