

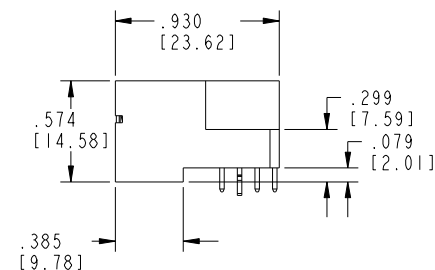
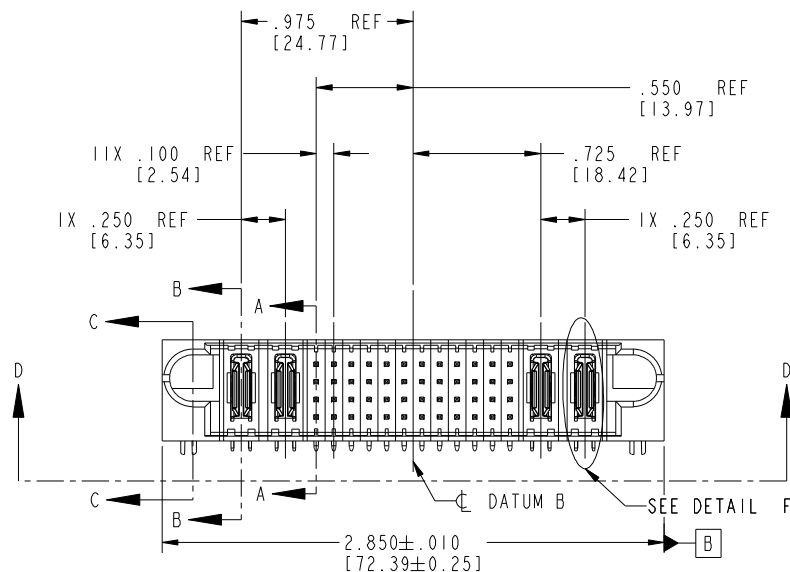


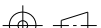
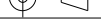
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
PA	N/A [N/A]	POWER
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
R	.270 [6.86]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
H	.270 [6.86]	SIGNAL
E	.270 [6.86]	SIGNAL

PRODUCT NO.	ROWS	POWER			SIGNAL												POWER		E2
		E1	P1	P2	1	2	3	4	5	6	7	8	9	10	11	12	P3	P4	
51730-023-- Note:③	D C B A				H	U	U	U	U	U	U	U	U	U	U	U	H		
			PA	PA	T	T	T	T	T	T	T	T	T	T	T	T	T		
					S	S	S	S	S	S	S	S	S	S	S	S	S		
					L	L	L	L	L	L	L	L	L	L	L	L	L		



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com		
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY			title		2P + 48S + 2P		
A	V11116	CGD	3/26/01		.XXX±.005/0.XX±0.13				projection			RIGHT ANGLE SOLDER HEADER				
B	V20168	JWS	01-23-02	angles	XXXX±.0020/0.XXX±0.051							product family		PwrBlade		
C	DG04-0053	TAB	09/03/04		0°±2°							size		dwg no		
D	DG05-0112	GvoJM	05/18/05	dr	J. SHAFFER	01-23-02					A		51730-023		213	
E	DG05-0397	CS	10/17/05	enrg	M. MOSTOLLER	01-23-02									sheet	
F	DG05-0454	CS	11/11/05	chr	M. MOSTOLLER	01-23-02									1 of	
G	DG08-0253	SH	09/16/08	appd	M. MOSTOLLER	01-23-02			scale		1:1					
sheet index		revision		G	G	G	G									
sheet		sheet		I	2	3	4									

Pro/E

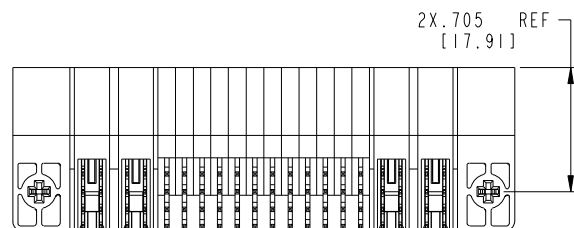
cage code 22526



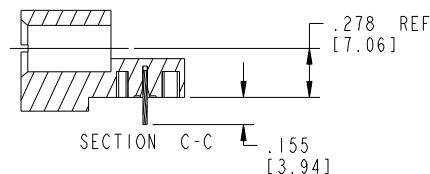
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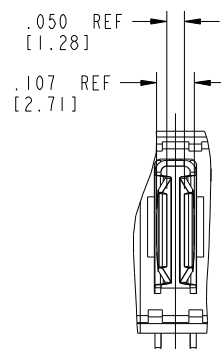
PRODUCT NUMBER
51730-023--
Note: ③



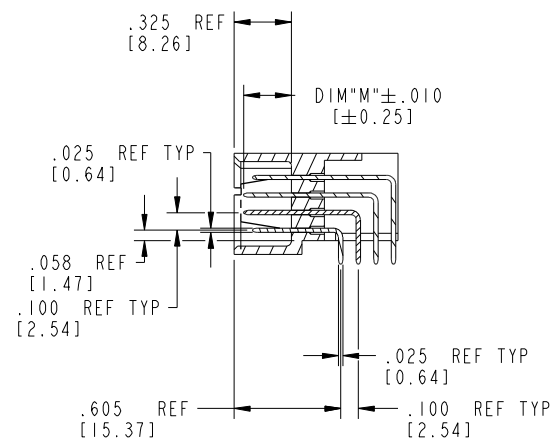
SECTION D-D



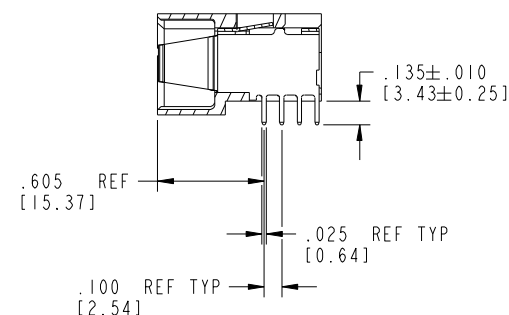
SECTION C-C



DETAIL F
SCALE 2:1



SECTION A-A



SECTION B-B

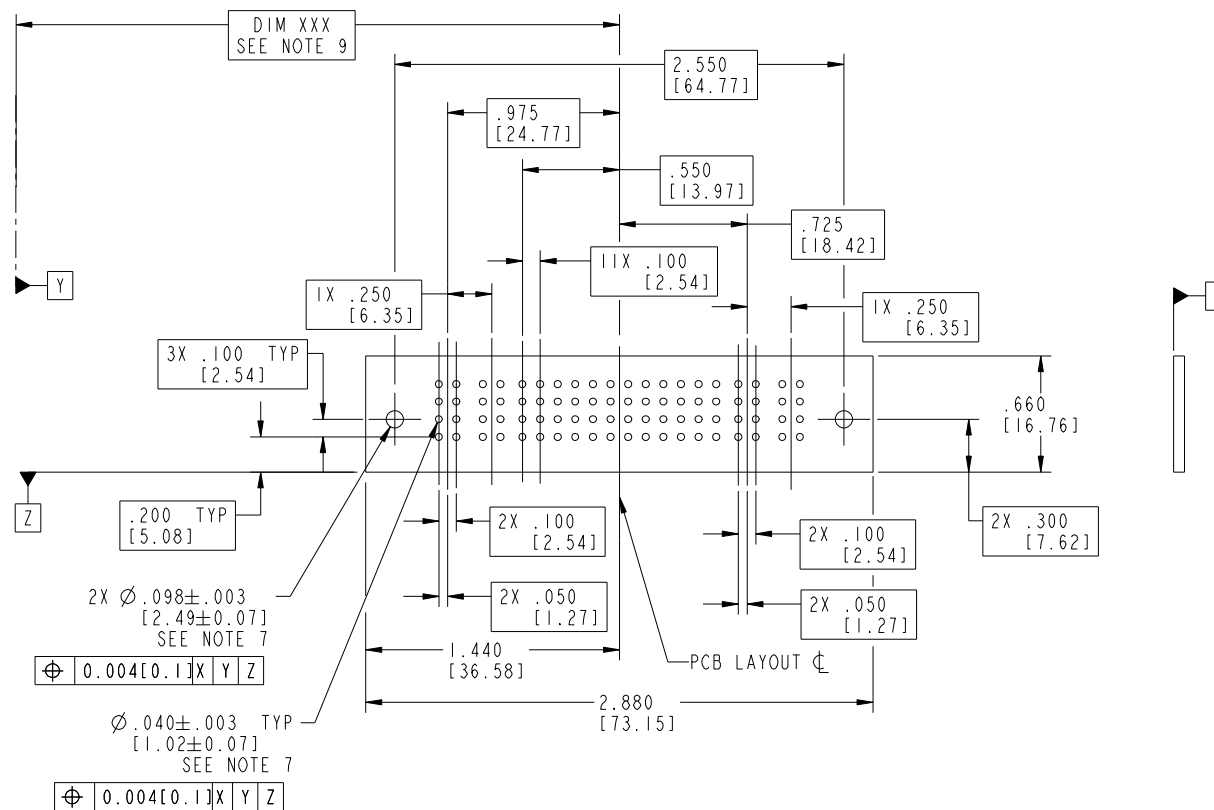
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				
litr		ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com		
G						.XXX±.005/0.XX±0.13		projection		title		
					angles	.XXX±.0020/0.XXX±0.051				2P + 48S + 2P		
						$0^{\circ} \pm 2^{\circ}$				RIGHT ANGLE SOLDER HEADER		
					dr	J. SHAFFER	01-23-02			product family		
					enrg	M. MOSTOLLER	01-23-02			PwrBlade		code
					chr	M. MOSTOLLER	01-23-02			213		
					appd	M. MOSTOLLER	01-23-02	scale		size	dwg no	
								1:1		A	51730-023	
sheet index		revision	sheet									



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PRODUCT NUMBER
51730-023--
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX $\pm$.01 / 0.X $\pm$ 0.3	COPY		projection		title	2P + 48S + 2P
G						angles	.XXX $\pm$.005 / 0.XX $\pm$ 0.13					RIGHT ANGLE SOLDER HEADER	
							.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051					product family	PwrBlade
						dr	J. SHAFFER 01-23-02					size	213
						enrg	M. MOSTOLLER 01-23-02					dwg no	51730-023
						chr	M. MOSTOLLER 01-23-02					sheet	3 of 4
						appd	M. MOSTOLLER 01-23-02					scale	1:1
sheet index	revision sheet											cage code	22526

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A

B

1 | 2

3 |

4

PRODUCT NUMBER
51730-023--
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:

△ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-023 AND 51730-023LF RESPECTIVELY

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. $\varnothing .0453 \pm 0.0010$ [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
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] HOLE.

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

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

A

B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
G				linear		$.XX \pm .01 / 0.X \pm 0.3$		projection		title		2P + 48S + 2P	
						$.XXX \pm .005 / 0.XX \pm 0.13$				RIGHT ANGLE SOLDER HEADER			
				angles		$.XXX \pm .0020 / 0.XXX \pm 0.051$							
						$0^\circ \pm 2^\circ$							
				dr	J. SHAFFER	01-23-02		INCH/MM		product family	PwrBlade	code	
				enrg	M. MOSTOLLER	01-23-02				size	dwg no	213	
				chr	M. MOSTOLLER	01-23-02		scale		A	51730-023	sheet	4 of 4
				appd	M. MOSTOLLER	01-23-02		1:1					
sheet index		revision sheet											

1 | 2

Pro/E

3 |

cage code 22526

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