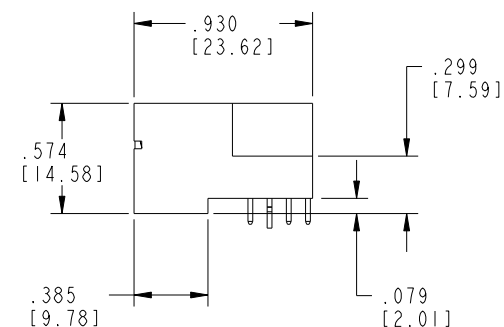
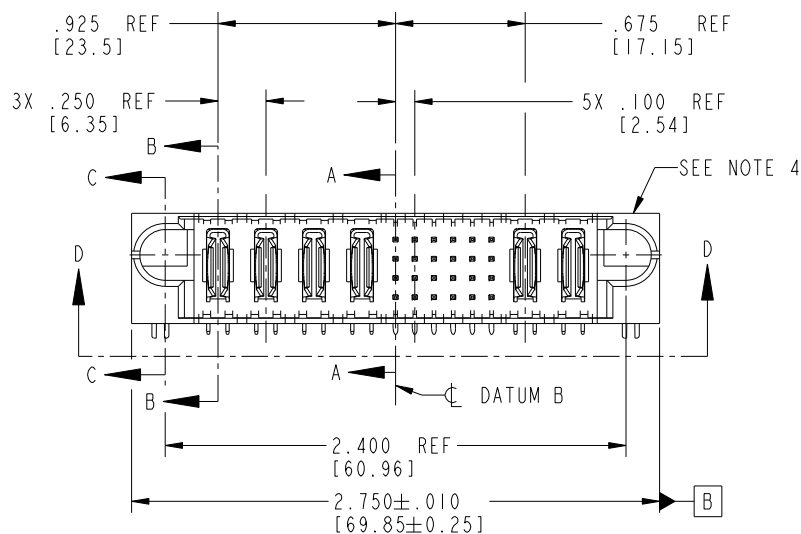
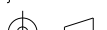


PRODUCT NO.	ROWS		POWER				SIGNAL						POWER		
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	E2
51730-019-- NOTE:3	D C B A														
															

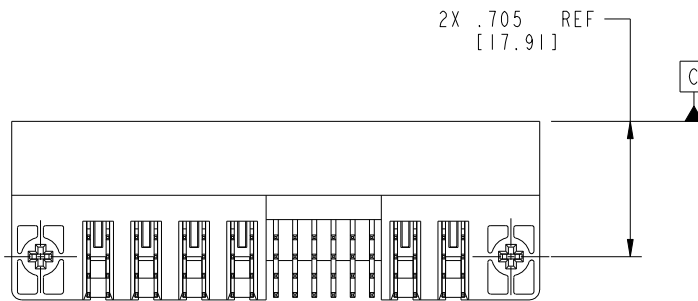


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

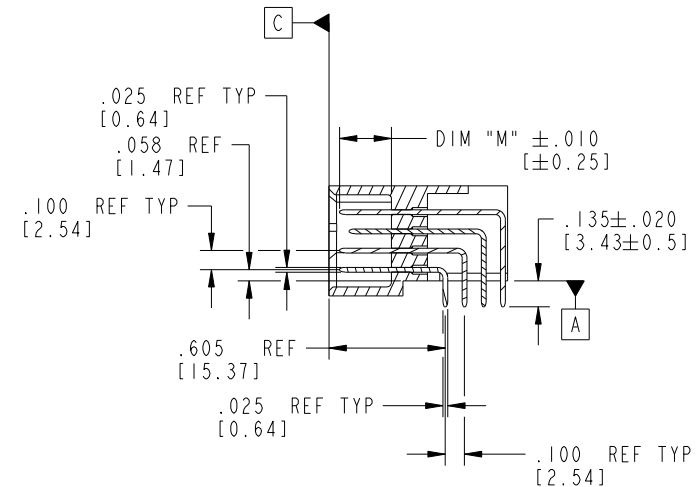
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com					
litr		ecn no.		cdr		date		linear angles		$.XX \pm .01 / 0.XX + 0.3$		COPY		 title 4P + 24S + 2P RIGHT ANGLE SOLDER HEADER					
A		V02900		GD		12/4/00				$.XXX \pm .005 / 0.XX + 0.13$		projection							
B		V20150		JWS		01-22-02				$.XXX \pm .0020 / 0.XXX \pm 0.051$									
C		DG05-0386		CS		10/12/05				$0^\circ \pm 2^\circ$									
D		DG05-0560		CS		12/26/05													
E		DG08-0272		WD		09/29/08		dr		J. SHAFFER 01-22-02		INCH/MM		product family		PwrBlade		code	
								engr		M. MOSTOLLER 01-22-02		scale 1 : 1		size		dwg no		213	
								chr		M. MOSTOLLER 01-22-02				A		51730-019		sheet	
								appd		M. MOSTOLLER 01-22-02								1 of 4	
sheet index		revision sheet		E		E		E		E									
				1		2		3		4									



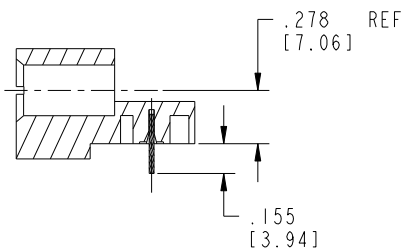
PRODUCT NUMBER
51730-019--
NOTE:3



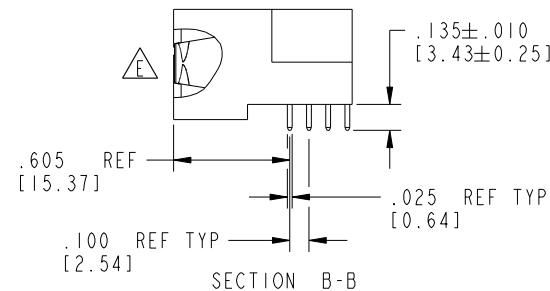
VIEW D-D



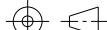
SECTION A-A



SECTION C-C



SECTION B-B

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
ltr		ecn no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$				COPY									
E										$.XXX \pm .005 / 0.XX \pm 0.13$													
										$.XXXX \pm .0020 / 0.XXX \pm 0.051$													
								angles		$0^\circ \pm 2^\circ$								title					
																		4P + 24S + 2P					
																		RIGHT ANGLE SOLDER HEADER					
								dr		J. SHAFFER 01-22-02				product family				PwrBlade				code	
								enrg		M. MOSTOLLER 01-22-02				INCH/MM				size		dwg no		213	
								chr		M. MOSTOLLER 01-22-02				scale				A		51730-019		sheet	
								appd		M. MOSTOLLER 01-22-02				1:1								2 of 4	
sheet index		revision sheet																					

cage code 22506

Pro/E

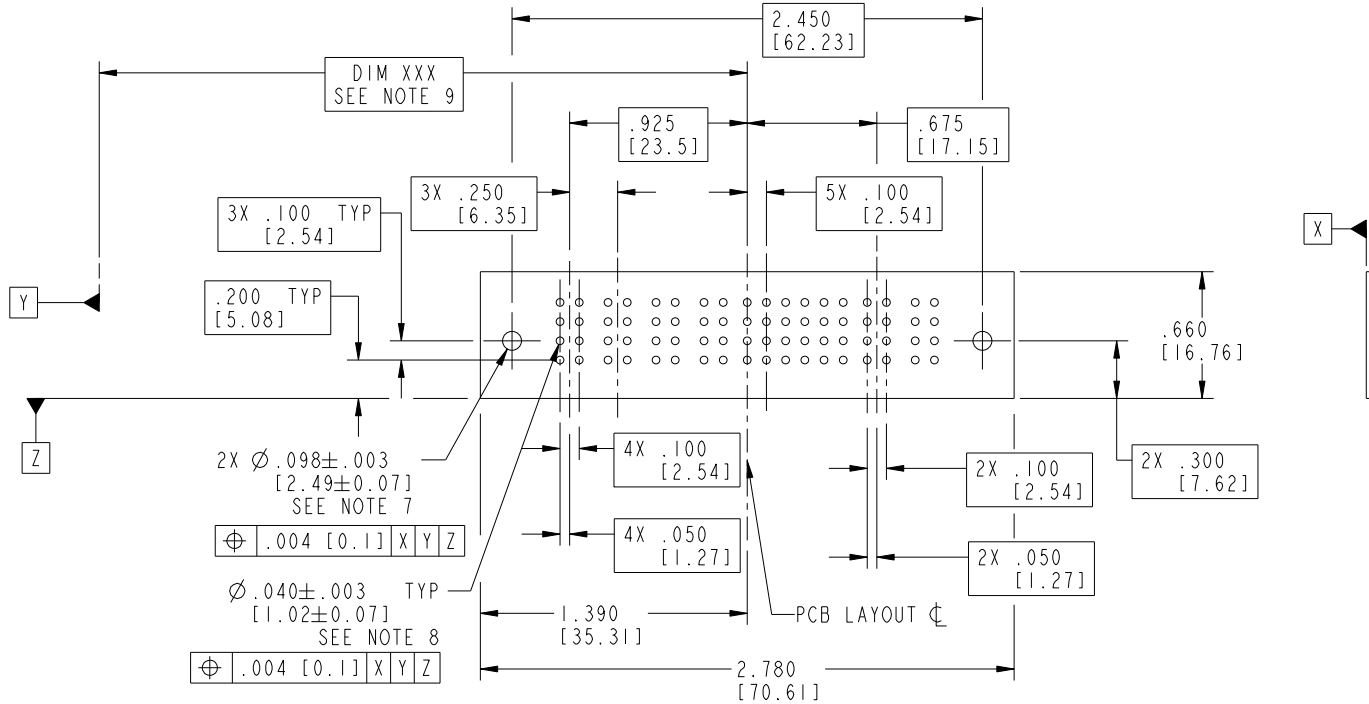
PDM: Rev:E

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51730-019--
NOTE:3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	angles	dr	enrg	chr	appd	projection	title
E							J. SHAFFER 01-22-02	M. MOSTOLLER 01-22-02	M. MOSTOLLER 01-22-02	M. MOSTOLLER 01-22-02	4P + 24S + 2P RIGHT ANGLE SOLDER HEADER
											product family PwrBlade
											size dwg no
											51730-019
											code 213
											sheet 3 of 4
sheet index	revision sheet										



1 | 2

3 |

4

PRODUCT NUMBER
51730-019--
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 SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-019 AND 51730-019LF 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 $\pm$ 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 $\frac{E}{F}$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI				www.fciconnect.com				
ltr	ecr no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY								title 4P + 24S + 2P RIGHT ANGLE SOLDER HEADER							
E					$.XXX \pm .005 / 0.XX \pm 0.13$				projection															
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				angles															
					$0^\circ \pm 2^\circ$				INCH/MM				product family				PwrBlade				code			
				dr	J. SHAFFER 01-22-02				scale				size				dwg no				213			
				enrg	M. MOSTOLLER 01-22-02				1:1				A				51730-019				sheet			
				chr	M. MOSTOLLER 01-22-02																4 of 4			
				appd	M. MOSTOLLER 01-22-02																			
sheet index		revision sheet																						

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010