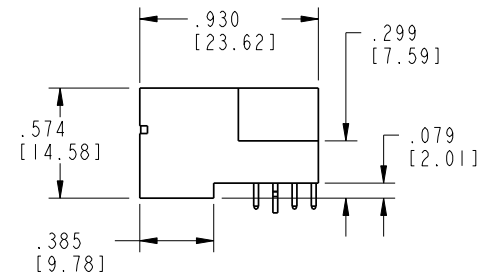
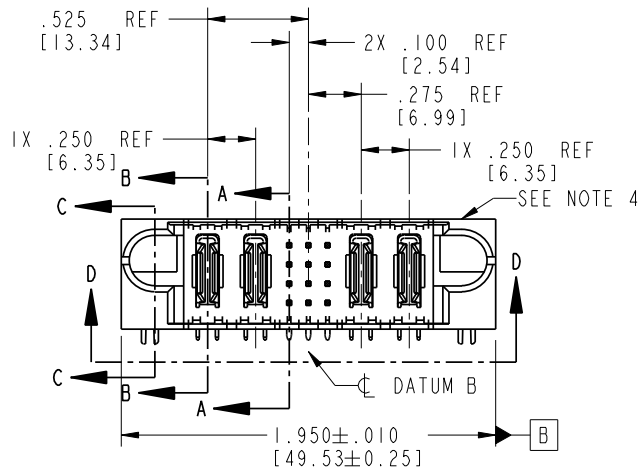
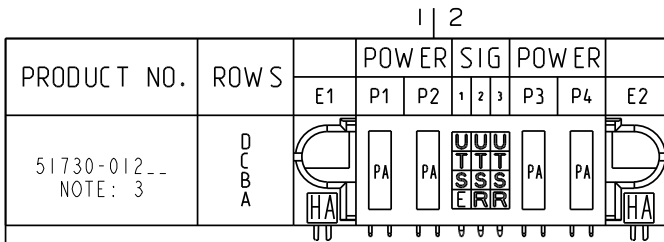


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FCI



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.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			
lir	ecn no.	dr	date	linear					
A	V02906	JRW	12-11-00		$.XX \pm .01/0.X \pm 0.3$				
B	V20111	JWS	01-21-02		$.XXX \pm .005/0.XX \pm 0.13$				
C	DG05-0389	GuoJM	10/14/05		$.XXXX \pm .0020/0.XXX \pm 0.051$				
				angles	$0^\circ \pm 2^\circ$				
				dr	J. SHAFFER	01-21-02			
				engr	M. MOSTOLLER	01-21-02			
				chr	M. MOSTOLLER	01-21-02			
				appd	M. MOSTOLLER	01-21-02			
sheet index		revision		C	C	C	C		
		sheet		1	2	3	4		

CUSTOMER				A FCI		www.fciconnect.com	
COPY				title		2P + 12S + 2P RIGHT ANGLE SOLDER HEADER	
product family				PwrBlade		code	
size				dwg no		213	
A				51730-012		sheet	
						1 of 4	

1 | 2

Pro/E

PDM: Rev: C

STAT: Released

Printed: Dec 20, 2010

AF

1 | 2

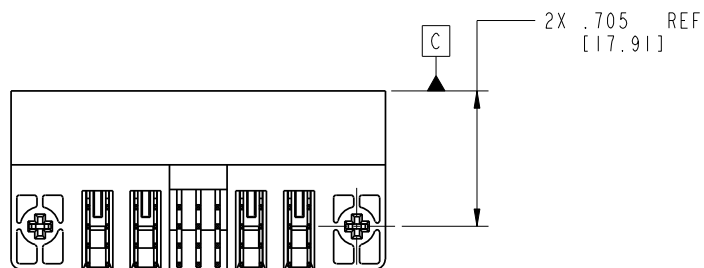
3 |

4

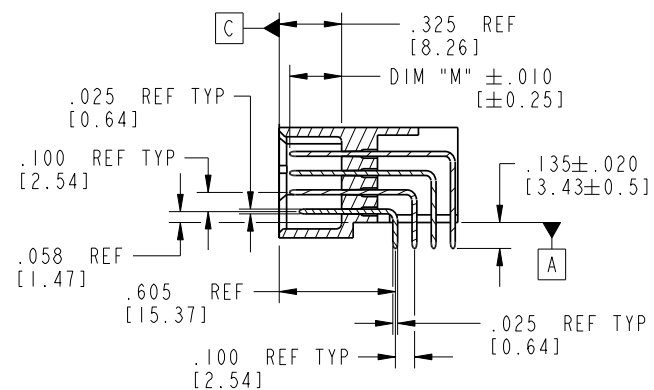
PRODUCT NUMBER

51730-012__

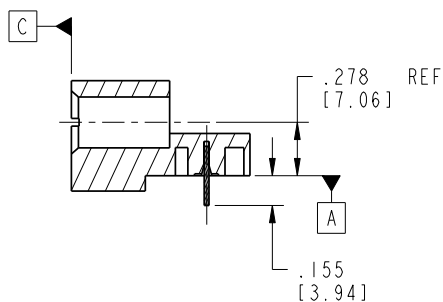
NOTE: 3



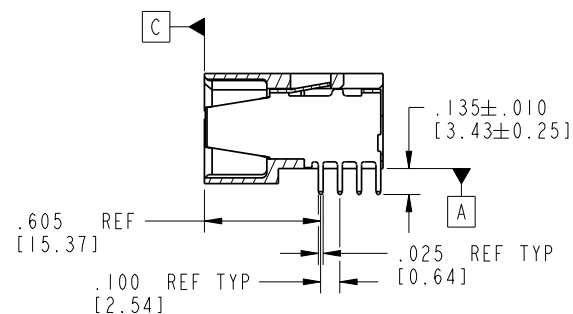
VIEW D-D



SECTION A-A



SECTION C-C



SECTION B-B

[illegible]

Pro/E

PDM: Rev: 0

STATUS: **Released**

Printed: Dec 20, 2010

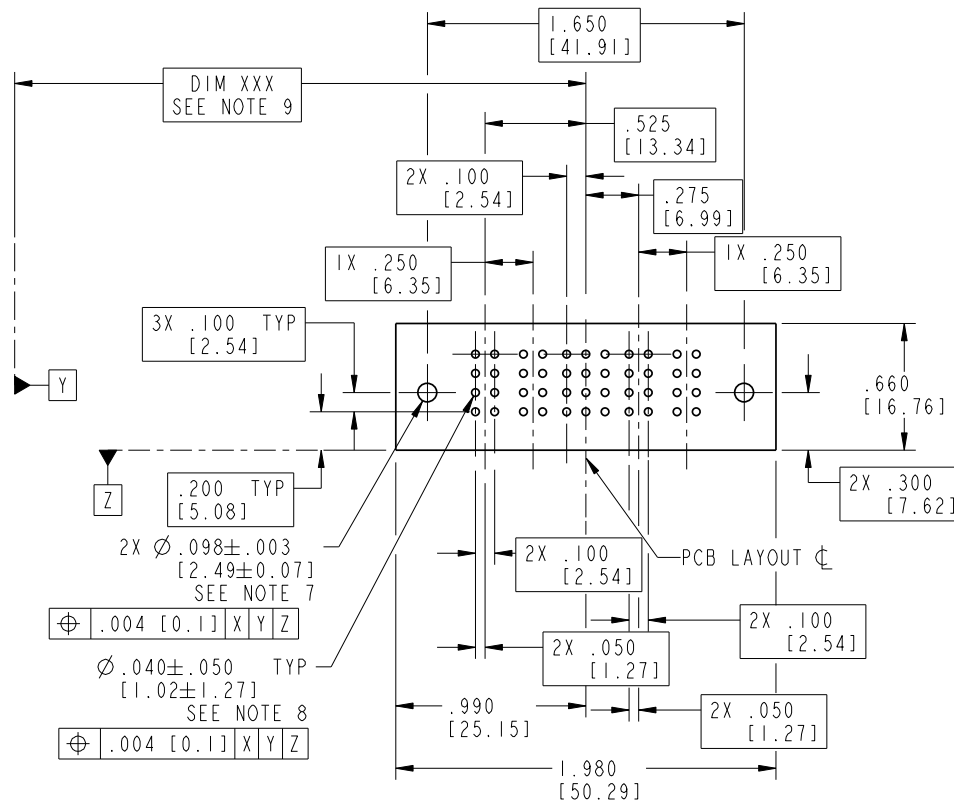
A

B

FCI

PRODUCT NUMBER

51730-012--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	angular	COPY	projection	product family	code
C				.XX±.01/0.X±0.3	0°±2°			PwrBlade	213
				.XXX±.005/0.XX±0.13					sheet
				.XXXX±.0020/0.XXX±0.051					3 of 4
				dr J. SHAFFER 01-21-02		INCH/MM			
				enr M. MOSTOLLER 01-21-02		scale			
				chr M. MOSTOLLER 01-21-02		1:1			
				appd M. MOSTOLLER 01-21-02					
sheet index	revision	sheet							

PRODUCT NUMBER

51730-012__
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:

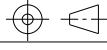
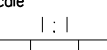
51730-012 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51730-012LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51730-012LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com				
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY											
C					.XXX±.005/0.XX±0.13				projection											
					.XXXX±.0020/0.XXX±0.051				INCH/MM											
					0°±2°				scale											
				angles																
				dr	J. SHAFFER 01-21-02								product family PwrBlade size dwg no A 51730-012				code 213 sheet 4 of 4			
				enrg	M. MOSTOLLER 01-21-02															
				chr	M. MOSTOLLER 01-21-02															
				appd	M. MOSTOLLER 01-21-02															
sheet index		revision sheet																		