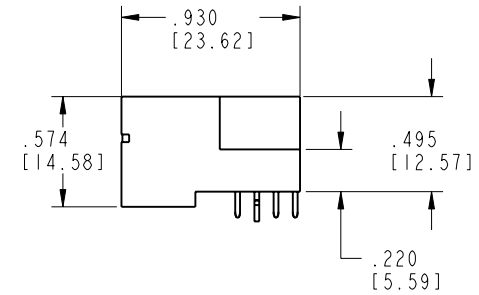
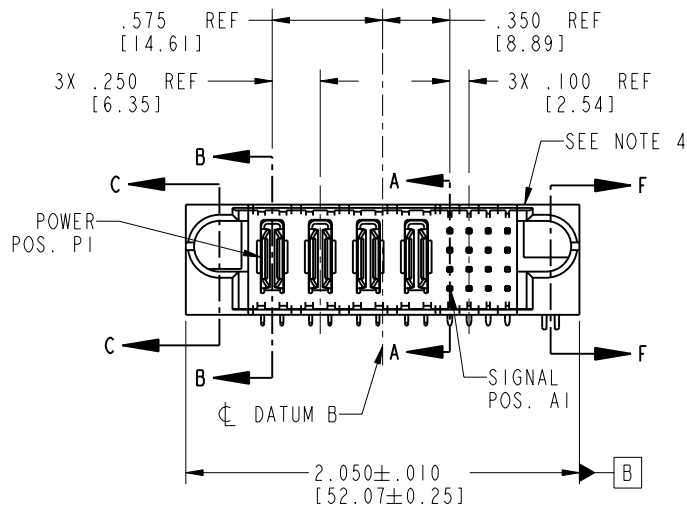
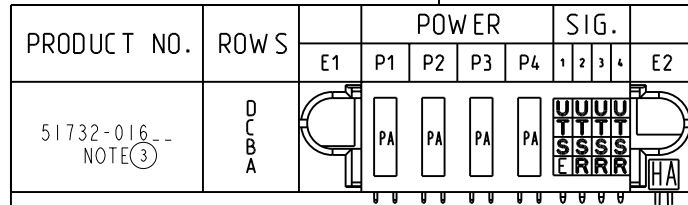


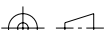
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FCI

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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		CUSTOMER		A FCI		www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection	COPY		title	4P + 16S	RIGHT ANGLE SOLDER HEADER	product family	PwrBlade	code
A	V03-1013	MEM	9/8/03		.XXX±.005/0.XX±0.13										
B	V03-1053	TAB	9/24/03		.XXX±.0020/0.XXX±0.051										
C	DG05-0037	SW	03/01/05	angles	0°±2°		INCH/MM	scale	1:1	A	51732-016	size	dwg no	sheet	1 of 4
D	DG05-0554	GuoJM	12/19/05	dr	M. MOSTOLLER	9/8/03									
				enrg	M. MOSTOLLER	9/8/03									
				chr	H. BREWBAKER	9/8/03									
				appd	M. MOSTOLLER	9/8/03									
sheet index	revision	D	D	D	D										
	sheet	1	2	3	4										

Pro/E

3 |

cage code 22526

4

PDM: Rev:D

STATUS: Released

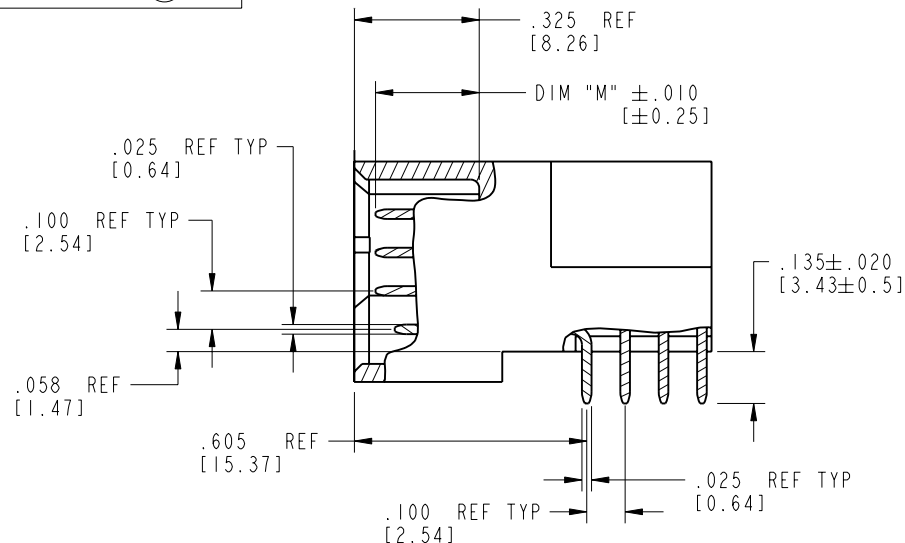
Printed: Oct 08, 2006

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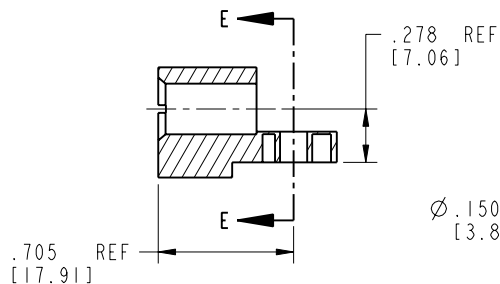
FCI

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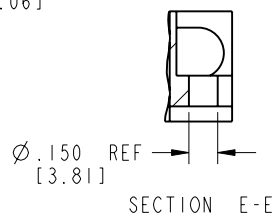
PRODUCT NUMBER
51732-016--
NOTE ③



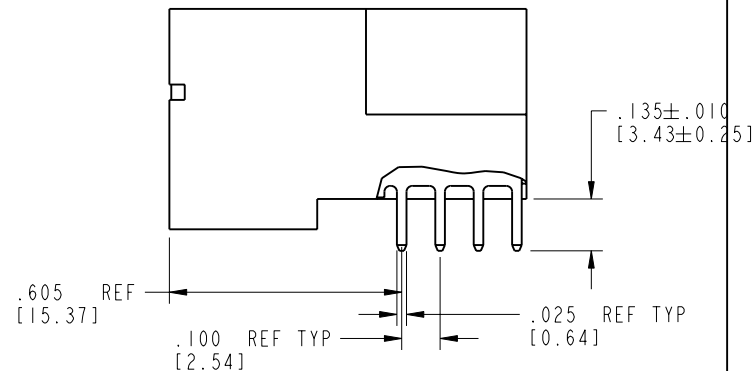
BROKEN-OUT SECTION A-A
SCALE 2:1



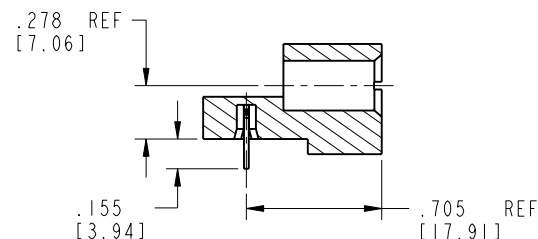
SECTION C-C



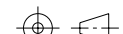
SECTION E-E



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION F-F

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY				
D	-	-	-		.XXX±.005/0.XX±0.13		projection				
					.XXXX±.0020/0.XXX±0.051		INCH/MM				
				angles	0°±2°		scale		title 4P + 16S RIGHT ANGLE SOLDER HEADE product family PwrBlade size dwg no 51732-016 code 213 sheet 2 of 4		
				dr	M. MOSTOLLER	9/8/03	1:1				
				enrg	M. MOSTOLLER	9/8/03					
				chr	H. BREWBAKER	9/8/03					
				appd	M. MOSTOLLER	9/8/03					
sheet index		revision sheet									

cage code 22526

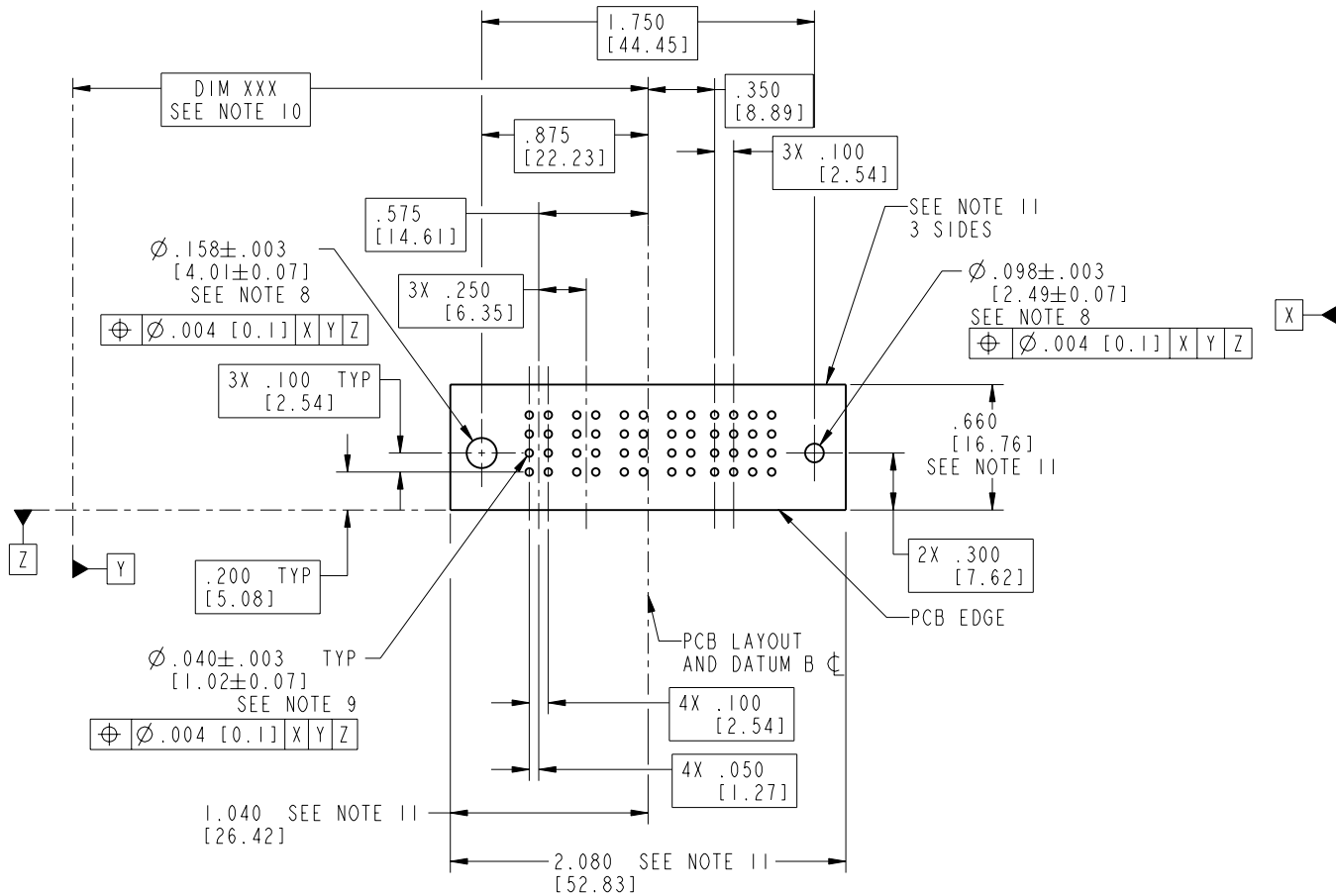
Pro/E

PDM: Rev:D

STATUS: Released

Printed: Oct 08, 2006

PRODUCT NUMBER
51732-016--
NOTE (3)



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/.0.X±0.3	projection		title		4P + 16S	
D	-	-	-		.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER			
					.XXXX±.0020/0.XXX±0.051			product family		PwrBlade	
				angles	0°±2°	INCH/MM		size		dwg no	
				dr	M. MOSTOLLER 9/8/03			A		51732-016	
				enrg	M. MOSTOLLER 9/8/03			code		213	
				chr	H. BREWBAKER 9/8/03	scale	1:1	sheet		3 of 4	
				appd	M. MOSTOLLER 9/8/03						
sheet index	revision sheet										

cage code 22526

PRODUCT NUMBER
51732-016--
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:

51732-016 Signal 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.

51732-016LF Signal 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 51732-016LF 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'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:

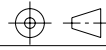
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

- (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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY				
D	-	-	-		.XXX $\pm$.005/0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051		INCH/MM				
				angles	0° $\pm$ 2°		scale		1:1		
				dr	M. MOSTOLLER	9/8/03	PwrBlade		code		213
				enrg	M. MOSTOLLER	9/8/03	size		dwg no		
				chr	H. BREWBAKER	9/8/03	A		51732-016		
				appd	M. MOSTOLLER	9/8/03	sheet		4 of 4		B
sheet index		revision sheet									

cage code 22526