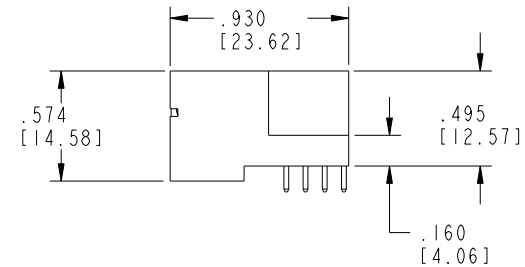
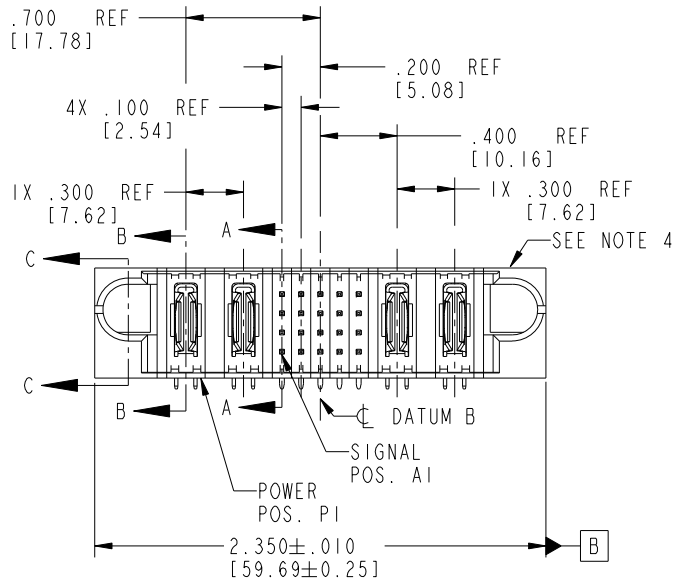




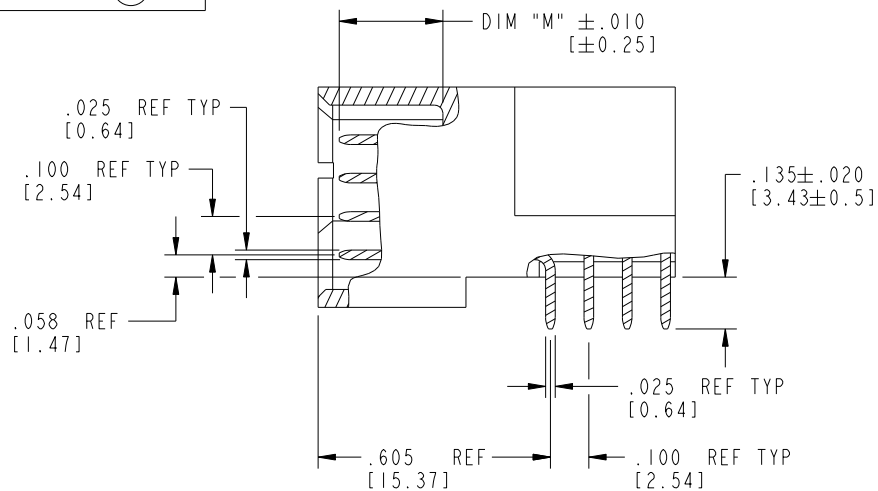
				1 2									
PRODUCT NO.	ROWS		POWER		SIGNAL					POWER			
		E1	P1	P2	1	2	3	4	5	P3	P4	E2	
51874-001-- NOTE ③	D C B A		 PA	 PA	 UUUUU	 TTTTT	 SSSSS	 SSSSS	 RRRRR	 PA	 PA		
			U	U	U	U	U	U	U	U	U	U	



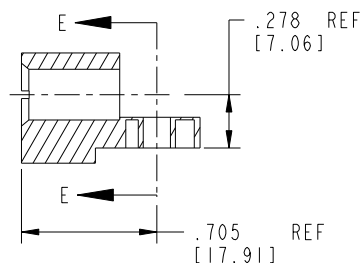
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V10809	EKK	10-10-00	linear		.XX±.01/0.X±0.3		projection		title 2P + 20S + 2P	
B	V20776	JWS	05-21-02			.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
C	DG05-0064	SW	04/05/05	angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade	
D	DG06-0005	JMG	01/05/06	dr	J. SHAFFER	05-21-02		INCH/MM		size	
E	DG08-0272	WD	09/28/08	enrg	M. MOSTOLLER	05-21-02		scale 1:1		dwg no 51874	
				chr	M. MOSTOLLER	05-21-02				code 213	
				appd	M. MOSTOLLER	05-21-02				sheet 1 of 4	
sheet index		revision sheet		E	E	E	E				
		1	2	3	4						

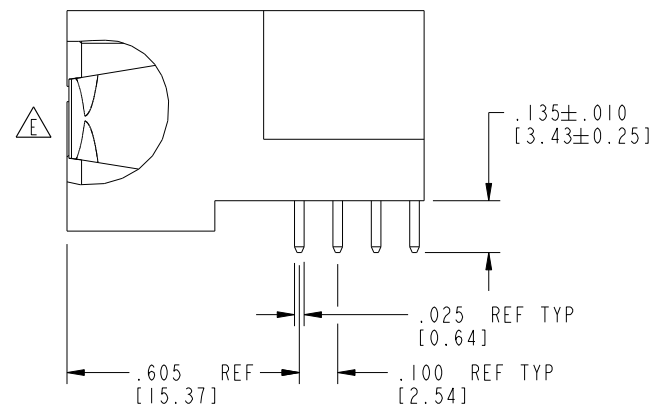
PRODUCT NUMBER
51874-001--
NOTE ③



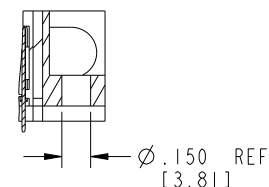
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

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				 title 2P + 20S + 2P RIGHT ANGLE SOLDER HEAD						
E									$.XXX \pm .005 / 0.XX \pm 0.13$														
									$.XXX \pm .0020 / 0.XXX \pm 0.051$														
									$0^\circ \pm 2^\circ$														
								angles															
								dr	J. SHAFFER	05-21-02		 INCH/MM				product family				PwrBlade		code	
								engr	M. MOSTOLLER	05-21-02						size		dwg no		213			
								chr	M. MOSTOLLER	05-21-02						scale		A		51874			
								appd	M. MOSTOLLER	05-21-02						1:1				sheet 2 of 4			
sheet index		revision sheet																					

code code 22506

Pro/E

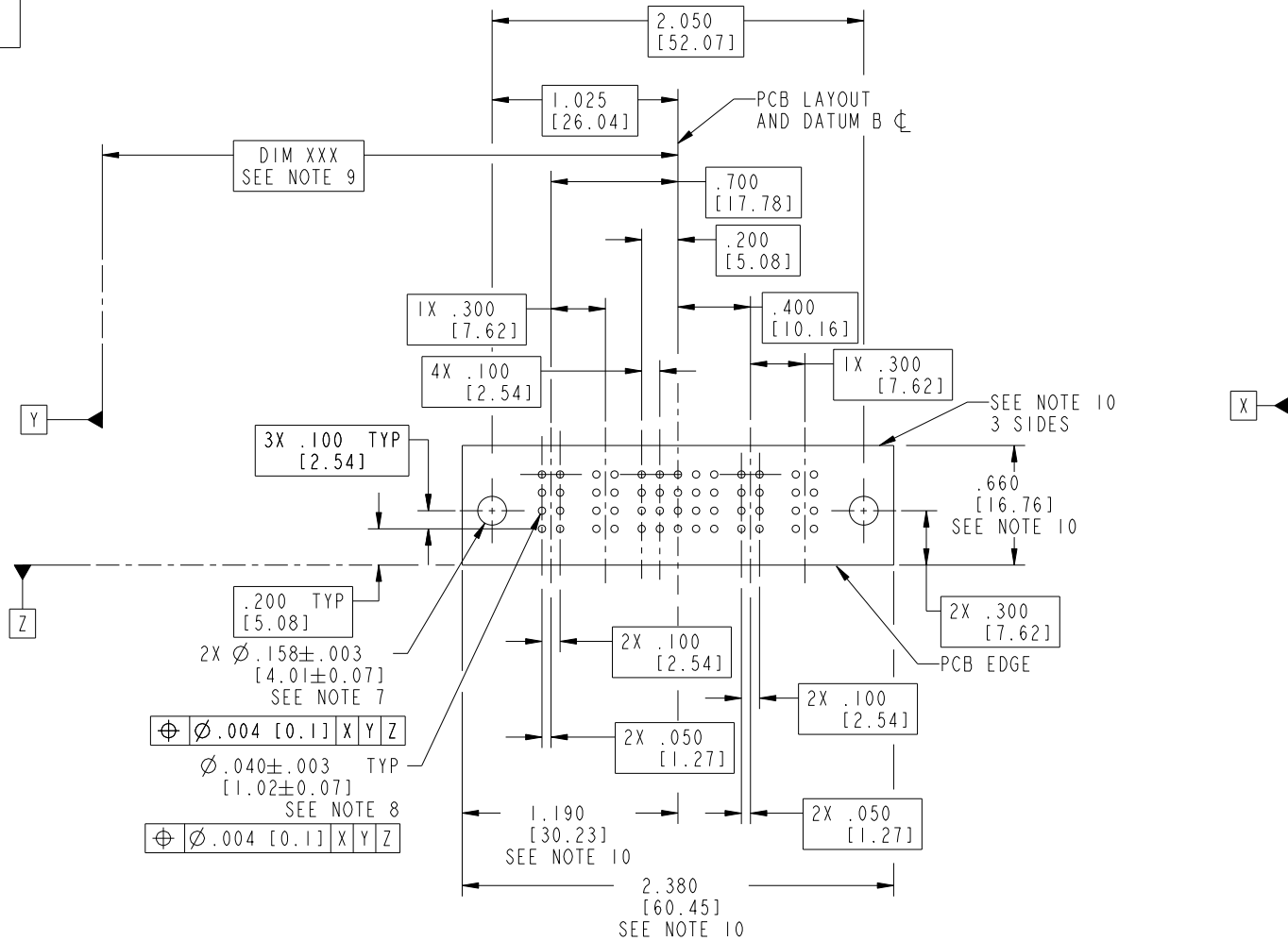
PDM: Rev:E

STATUS: Released

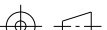
Printed: Oct 17, 2008



PRODUCT NUMBER
51874-001--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		COPY	title			2P + 20S + 2P
E					.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEAD			
					angles	.XXXX±.0020/0.XXX±0.051							
				0°±2°									
				dr		J. SHAFFER	05-21-02	INCH/MM		product family		PwrBlade	code
				enrg	M. MOSTOLLER	05-21-02	size			dwg no	213		
				chr	M. MOSTOLLER	05-21-02	scale			A	51874		sheet
				appd	M. MOSTOLLER	05-21-02							3 of 4
sheet index		revision sheet											

1 | 2

3 |

4

PRODUCT NUMBER

51874-001--
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51874-001 AND 51874-001LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

- ⑧ $\varnothing .0453 \pm 0.0010$ [1.151 ± 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.

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

- ⑩ CONNECTOR KEEP-OUT ZONE.

11. A△ 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			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
E				linear		.XX±.01/0.X±0.3		projection		title 2P + 20S + 2P			
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade			
						0°±2°				size 213			
				dr	J. SHAFFER	05-21-02		INCH/MM		sheet 4 of 4			
				engr	M. MOSTOLLER	05-21-02							
				chr	M. MOSTOLLER	05-21-02		scale					
				appd	M. MOSTOLLER	05-21-02		1:1					
sheet index		revision sheet											

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Oct 17, 2008