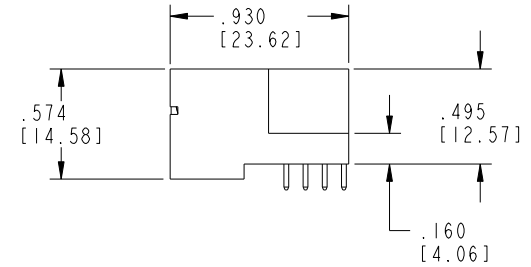
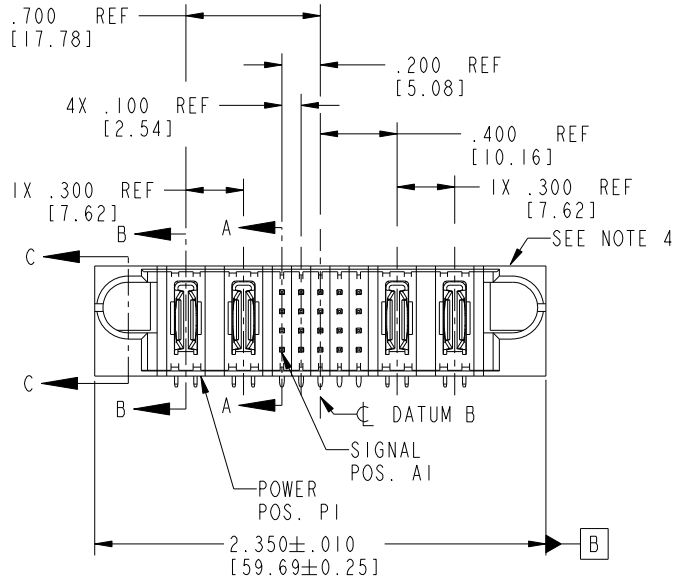


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PRODUCT NO.	ROWS	POWER		SIGNAL					POWER		E2	
		E1	P1	P2	1	2	3	4	5	P3		P4
51874-001-- NOTE ③	D C B A		PA	PA	UUUUU TTTTT SSSSS RRRRR					PA	PA	



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

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Oct 17, 2008

code code 22526

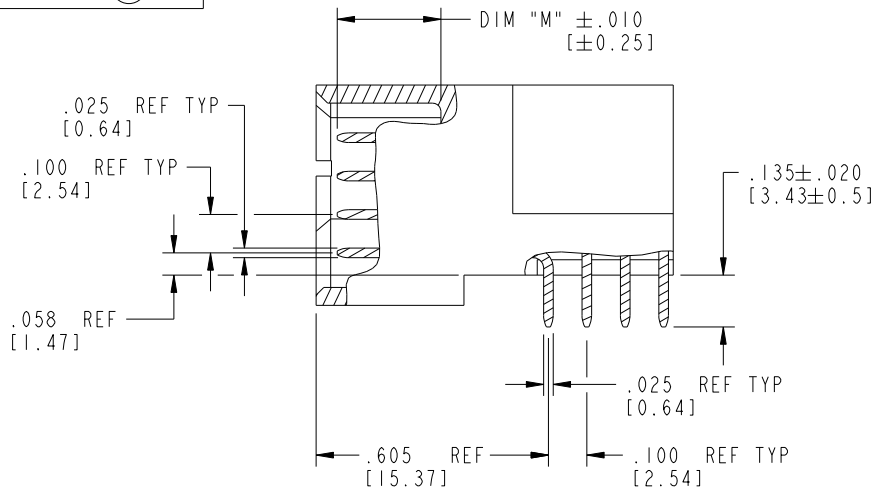
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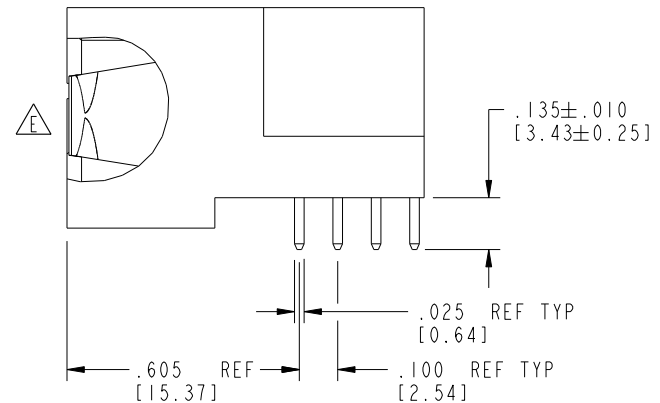


PRODUCT NUMBER

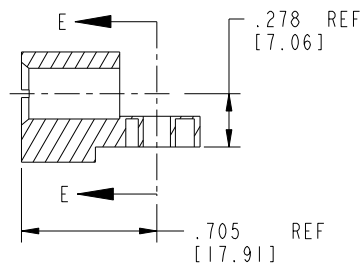
51874-001
NOTE ③



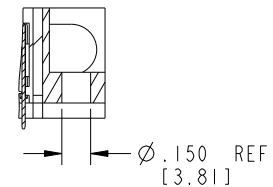
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	www.fciconnect.com		
E					.XXX±.005/0.XX±0.13	INCH/MM	title 2P + 20S + 2P		
				angles	.XXX±.0020/0.XXX±0.051	scale	RIGHT ANGLE SOLDER HEADER		
				dr	0°±2°	1:1	product family PwrBlade		code
				enrg	J. SHAFFER 05-21-02		size		213
				chr	M. MOSTOLLER 05-21-02		dwg no		sheet
				appd	M. MOSTOLLER 05-21-02		A 51874		2 of 4
sheet index	revision sheet								

Pro/E

PDM: Rev: E

STATUS: Released

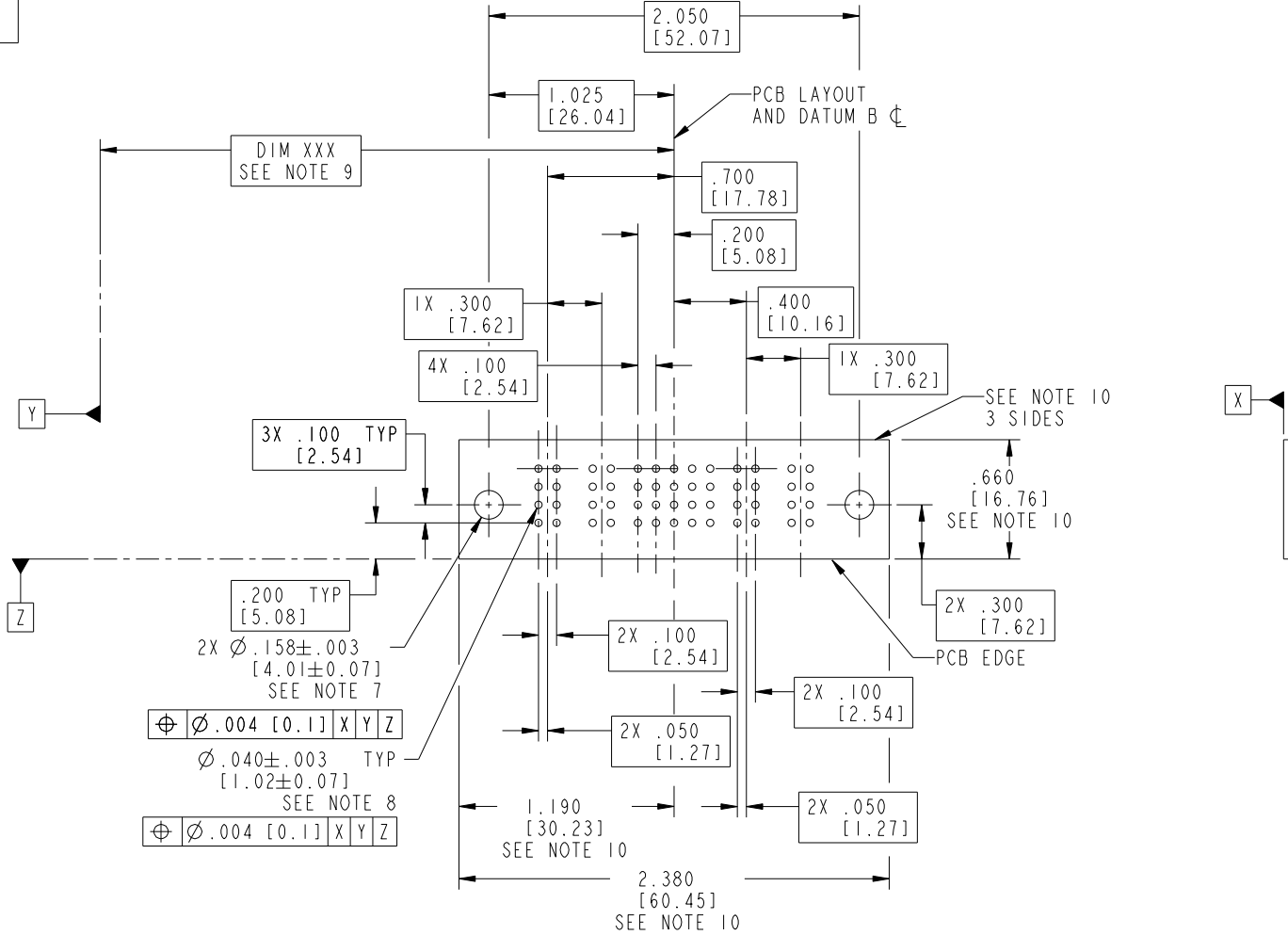
Printed: Oct 17, 2008

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PRODUCT NUMBER
51874-001--
NOTE ③



RECOMMENDED PCB LAYOUT

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	projection	title 2P + 20S + 2P		
E				angles	.XXX±.005/0.XX±0.13		RIGHT ANGLE SOLDER HEADER		
					.XXX±.0020/0.XXX±0.051	INCH/MM	product family PwrBlade		code 213
				dr	J. SHAFFER 05-21-02	scale	size A	dwg no 51874	sheet 3 of 4
				enrg	M. MOSTOLLER 05-21-02	1:1			
				chr	M. MOSTOLLER 05-21-02				
				appd	M. MOSTOLLER 05-21-02				
sheet index	revision sheet								

code code 22526

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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 \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.

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	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		www.fciconnect.com		
E					.XXX±.005/0.XX±0.13		title		2P + 20S + 2P		
				angles	.XXX±.0020/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER				
				dr	J. SHAFFER 05-21-02		product family		PwrBlade		code
				engr	M. MOSTOLLER 05-21-02		size		dwg no		213
				chr	M. MOSTOLLER 05-21-02		scale		A		sheet
				appd	M. MOSTOLLER 05-21-02		1:1		51874		4 of 4
sheet index		revision sheet									

1 | 2

Pro/E

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