

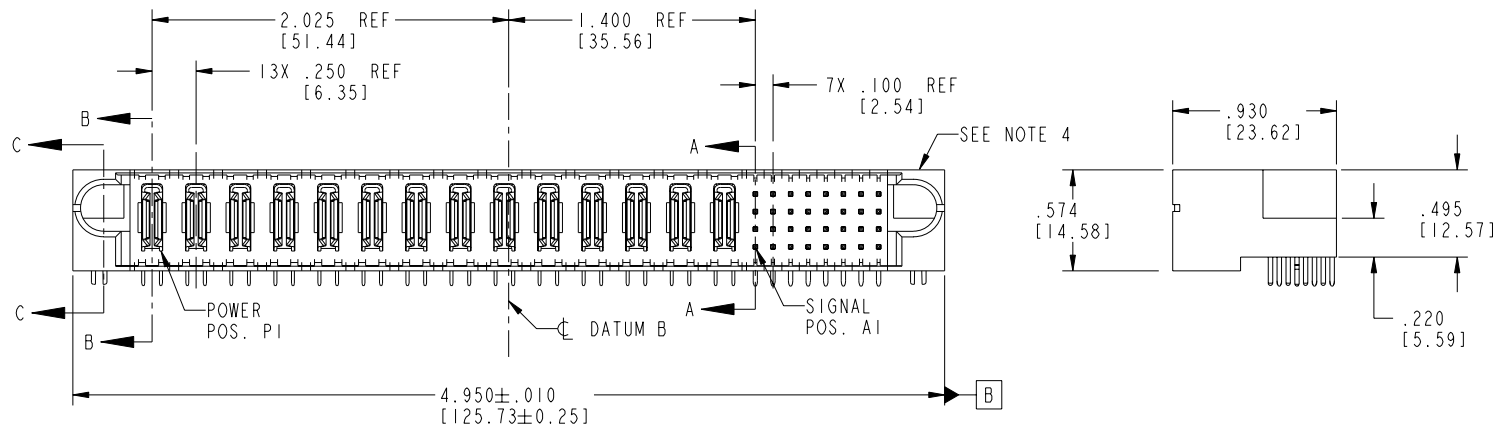
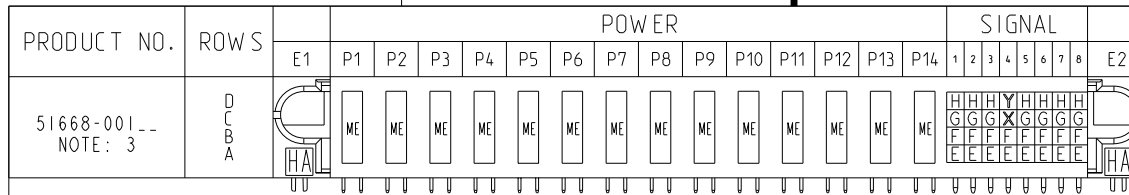
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A

B



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
X	.170 [4.32]	SIGNAL
Y	.170 [4.32]	SIGNAL
ME	.315 [8.00]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title		
A	V02392	JRW	10/09/00		.XXX±.005/0.XX±0.13				14P + 32S		
B	V03-0248	TAB	03/19/03	angles	.XXX±.0020/0.XX±0.051			RIGHT ANGLE SOLDER HEADER			
C	V03-0536	MEM	5/9/03		0°±2°			product family			
D	V03-0671	MEM	6/13/03	dr	T. BRUNGARD	03/19/03	INCH/MM		PwrBlade	code	
E	DG05-0300	GuoJM	08/26/05	engr	M. MOSTOLLER	03/19/03	scale	size	dwg no	213	
F	DG06-0011	CS	01/09/06	chr	M. MOSTOLLER	03/19/03					1:1
				appd	M. MOSTOLLER	03/19/03					
sheet index		revision sheet		F	F	F					
		1	2	3	4						
Pro/E				3				cage code		22526	
										4	

Pro/E

PDM: Rev:F

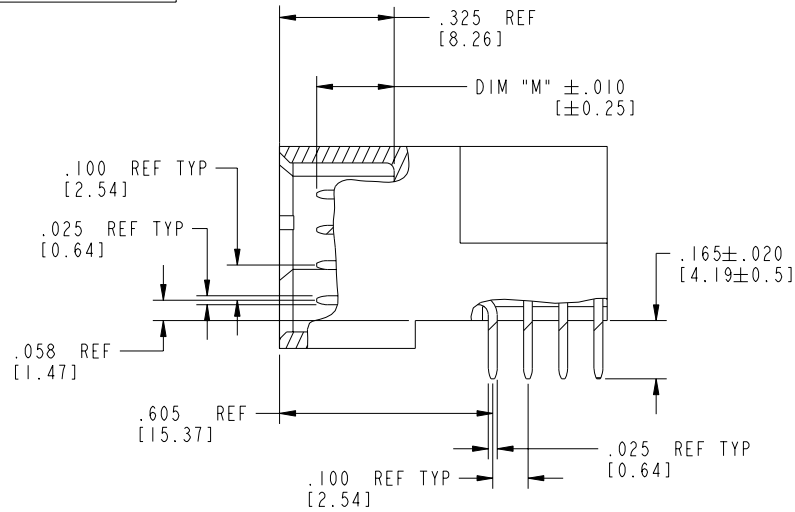
STATUS:Released

Printed: Aug 11, 2007

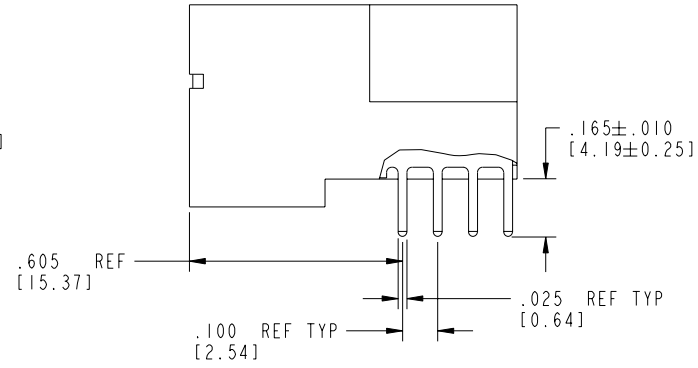
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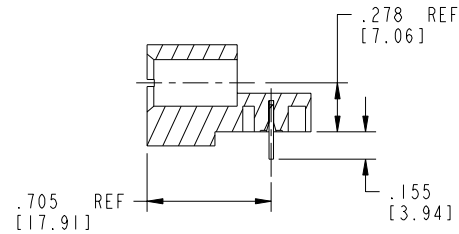
PRODUCT NUMBER
51668-001--
NOTE: 3



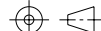
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com									
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3				COPY				projection  title14P + 32S RIGHT ANGLE SOLDER HEADF												
F					.XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051																				
					angles	0°±2°				INCH/MM				product familyPwrBlade											
				dr	T. BRUNGARD03/19/03				scale				size		dwg no		code								
				enrg	M. MOSTOLLER03/19/03				1:1				A		51668		213								
				chr	M. MOSTOLLER03/19/03												sheet								
				appd	M. MOSTOLLER03/19/03												2 of 4								
sheet index		revision sheet																							
Pro/E								3								cage code22526								4	

PDM: Rev:F

STATUS:Released

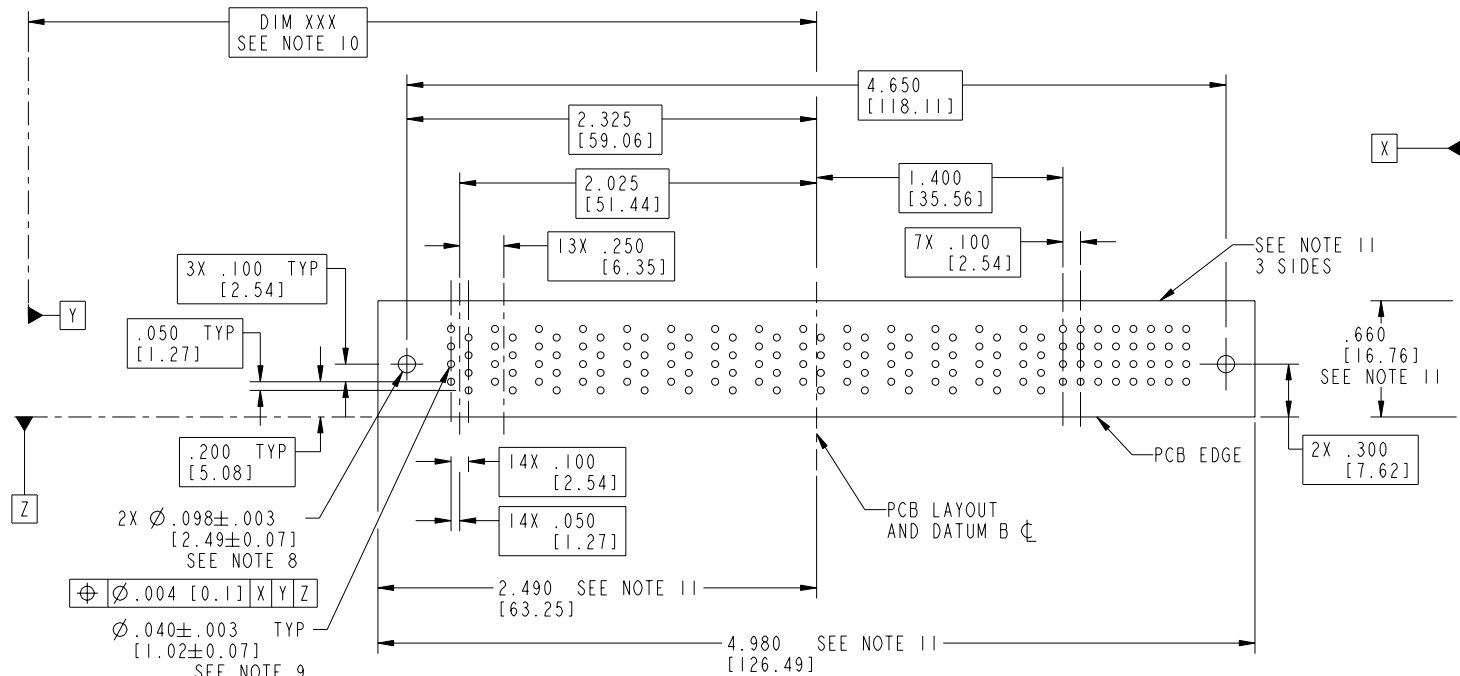
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PRODUCT NUMBER
51668-001--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection 	title		14P + 32S	
F					.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER			
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°		INCH/MM  scale 1:1	product family		PwrBlade	
				dr	T. BRUNGARD 03/19/03			size	dwg no	code	
				engr	M. MOSTOLLER 03/19/03					213	
				chr	M. MOSTOLLER 03/19/03					sheet	
				appd	M. MOSTOLLER 03/19/03					3 of 4	
sheet index		revision sheet									
Pro/E				3				cage code		22526	
										4	

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4

51668-001--
NOTE: 3

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

51668-001.51668-001LF.PLATING SPEC SEE PRINT:100064183.

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.

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