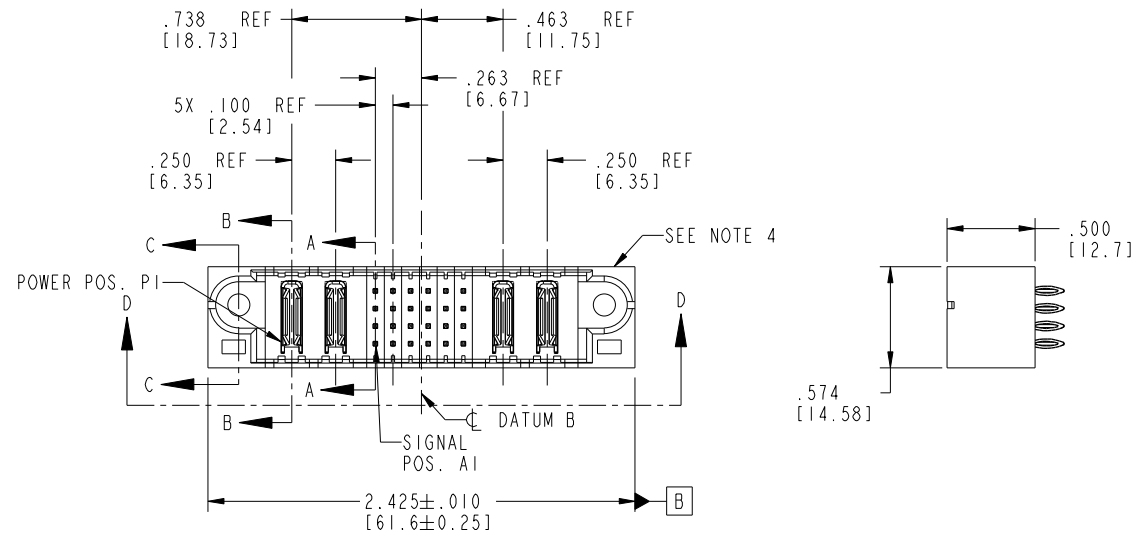


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PRODUCT NO.	ROWS		POWER		SIGNAL						POWER			PRINGTING	SPEC.	TYCO P/N	FCI P/N
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2				
51952-047-- NOTE ③	D C B A													SEE NOTE 4	SnPb	N/A	51952-047
					Sn	2-6450500-2	51952-047L										



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	N/A [N/A]	POWER
G	.270 [6.86]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY					
A	V04-0906	TAB	09/08/04				.XXX±.005/0.XX±0.13	projection					
B	DG05-0076	SW	04/09/05				.XXX±.0020/0.XXX±0.051						
C	DG05-0276	SW	08/12/05			angles	0°±2°						
D	DG05-0203	SW	09/23/05			dr	T. BRUNGARD 09/08/04						
E	DG05-0515	Ryan	12/06/05			enrg	M. GRAY 09/08/04						
F	DG07-0357	SH	01/07/08			chr	M. GRAY 09/08/04						
						appd	M. GRAY 09/08/04						
sheet index		revision sheet		F	F	F	F						
				1	2	3	4						

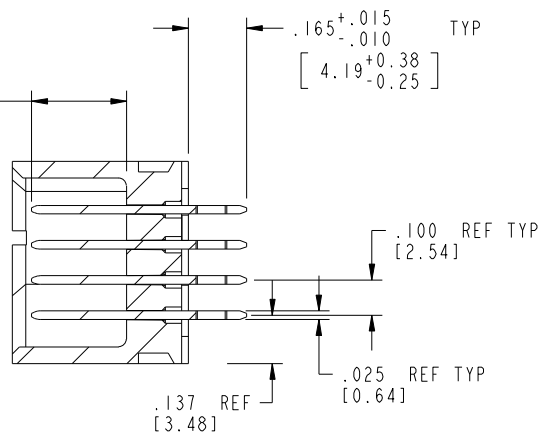
title		product family		code	
2P + 24S + 2P		PwrBlade		213	
VERTICAL PRESS-FIT HEADER		size		sheet	
		dwg no		1 of 4	
		scale			
		1:1			
		cage code			
		22526			

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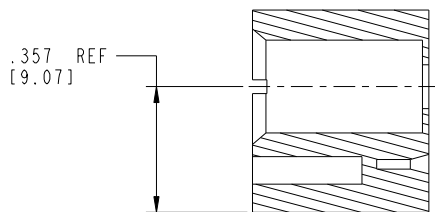
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PRODUCT NUMBER
51952-047--
NOTE ③

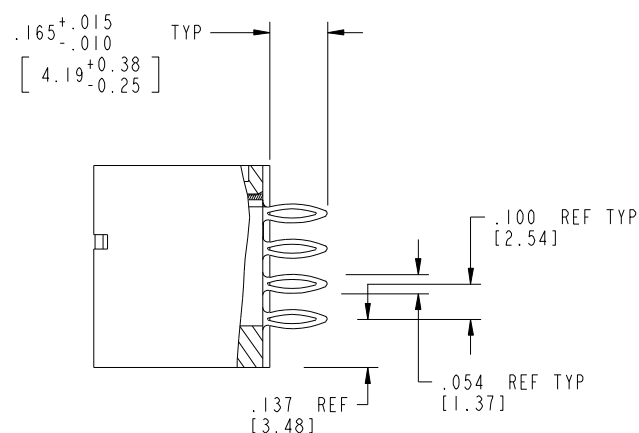
DIM "M" $\pm .010$
[± 0.25]



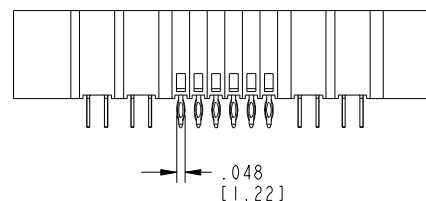
SECTION A-A
SCALE 2:1



SECTION C-C
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION D-D

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com					
litr		ecn no.		dr		date		linear		COPY				title 2P + 24S + 2P VERTICAL PRESS-FIT HEADER							
F										projection											
								angles		XXXX + .0020/0.XXX + 0.051				INCH/MM							
										0 ± 2°											
				dr		T. BRUNGARD 09/08/04		enrg		scale 1:1				product family				PwrBlade		code	
				enrg		M. GRAY 09/08/04								size		dwg no		213			
				chr		M. GRAY 09/08/04								A		51952-047		sheet			
				appd		M. GRAY 09/08/04								2 of 4							
sheet index		revision sheet																			

Pro/E

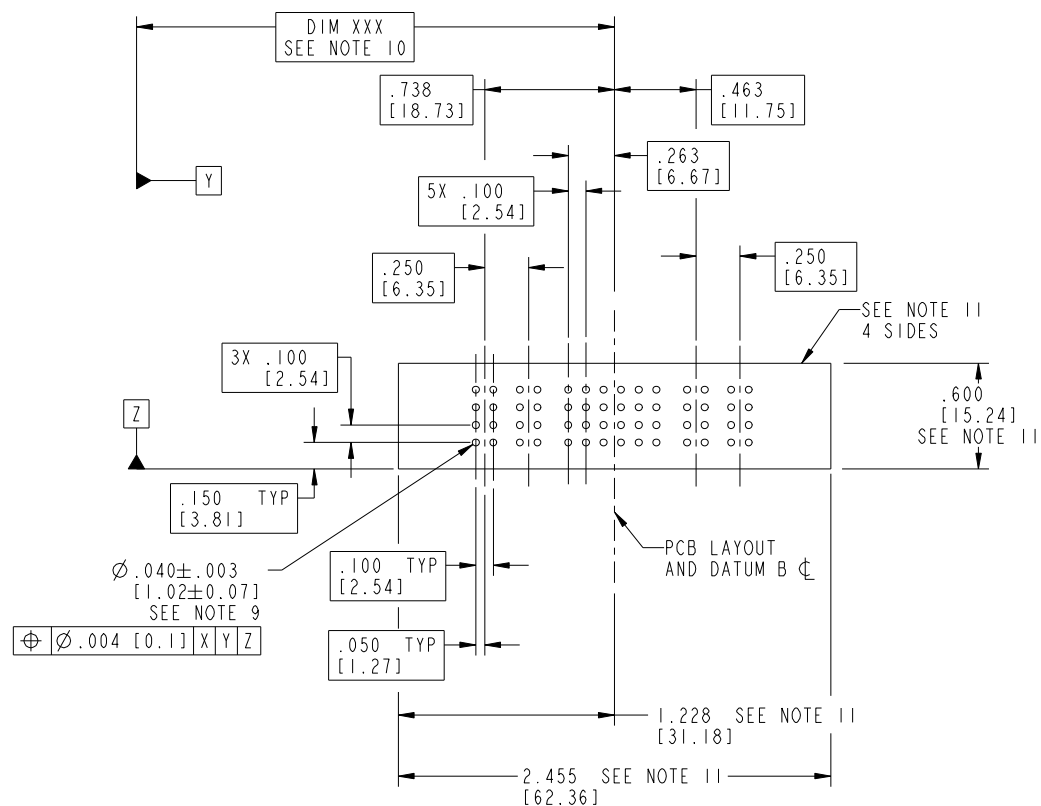
cage code 22526



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PRODUCT NUMBER
51952-047--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com							
litr		ecn no.		dr		date		linear	.XX+ .01/0.X+0.3				COPY				 title 2P + 24S + 2P VERTICAL PRESS-FIT HEADER						
F									.XXX+ .005/0.XX+0.13				projection										
									.XXX+ .0020/0.XXX+0.051														
									angles 0°±2°														
								dr		T. BRUNGARD 09/08/04				INCH/MM				product family PwrBlade				code	
								engr		M. GRAY 09/08/04				scale				size		dwg no		213	
								chr		M. GRAY 09/08/04				1:1				A		51952-047		sheet	
								appd		M. GRAY 09/08/04												3 of 4	
sheet index		revision																					
sheet		sheet																					

Pro/E

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PRODUCT NUMBER
51952-047-001

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:

F 51952-047, 51952-047LF, PLATING SPEC. SEE PRINT: 10064183

4 NEED TYCO TRADE NAME "AMP", TYCO P/N, FCI DATE CODE TO APPEAR ON THE HOUSING 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.

12. FOR PRESS FIT APPLICATION,
USE FCI CAM TOOL 430169-065.

13. A F SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY					
F				linear		.XX $\pm$.01 / 0.X $\pm$ 0.3		projection		title	2P + 24S + 2P		
						.XXX $\pm$.005 / 0.XX $\pm$ 0.13				VERTICAL PRESS-FIT HEADER			
				angles		.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051				product family	PwrBlade	code	213
				dr	T. BRUNGARD	09/08/04		INCH/MM		size	dwg no	sheet	4 of 4
				enrg	M. GRAY	09/08/04		scale		A	51952-047		
				chr	M. GRAY	09/08/04		1:1					
				appd	M. GRAY	09/08/04							
sheet index	revision sheet												

1 | 2

Pro/E

3 |

cage code 22526

4