

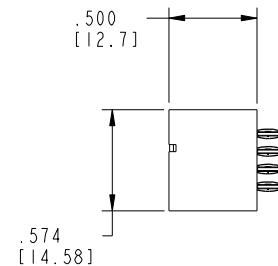
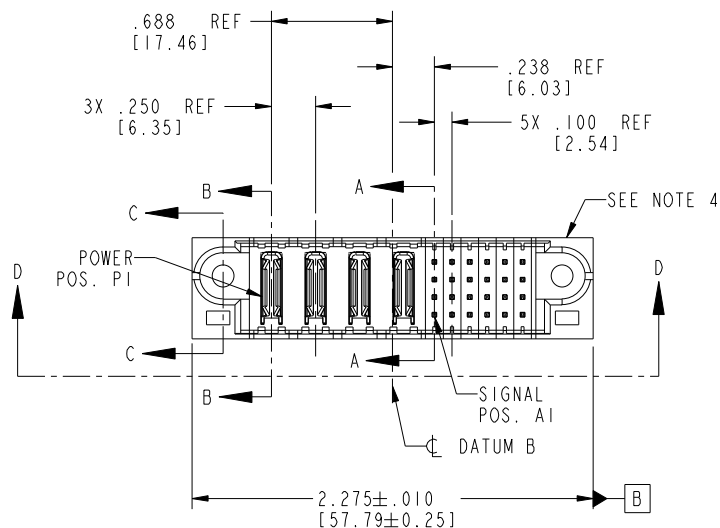


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

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

PRODUCT NO.	ROWS	POWER					SIGNAL						E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	
51952-010- NOTE 3	D C B A		PC	PC	PC	PC	G	G	G	G	G	G	



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		projection	COPY		title 4P + 24S VERTICAL PRESS FIT HEADER		
A	V21527	CGD	09/24/02		.XXX±.005/0.XX±0.13							
B	DG05-0478	Ryan	11/17/05		.XXXX±.0020/0.XXX±0.051							
C	DG07-0357	SH	01/02/08	angles	0°±2°			product family		PwrBlade		
				dr	C. DAILY	09/24/02		scale	size		dwg no	
				engr	M. MOSTOLLER	09/24/02			1:1		213	
				chr	M. MOSTOLLER	09/24/02	A		51952-010			
				appd	M. MOSTOLLER	09/24/02					sheet 1 of 4	
sheet index		revision		C	C	C	C					
		sheet		1	2	3	4					

cage code 22526

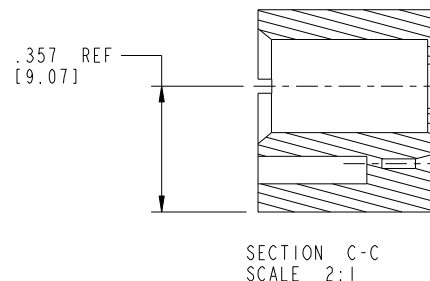
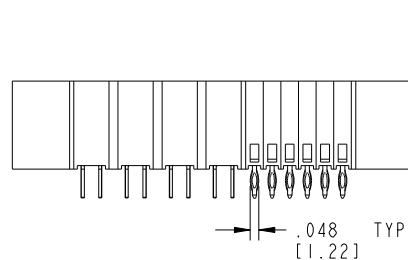
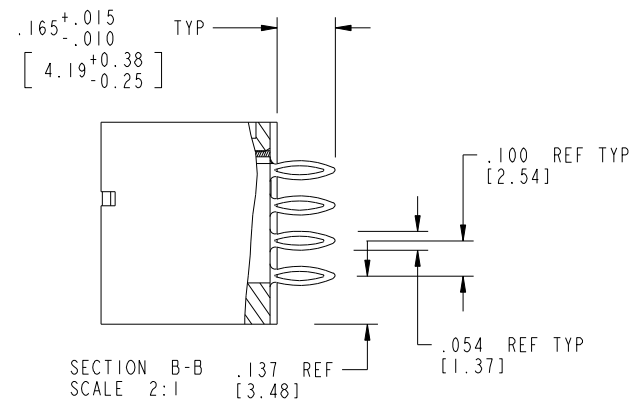
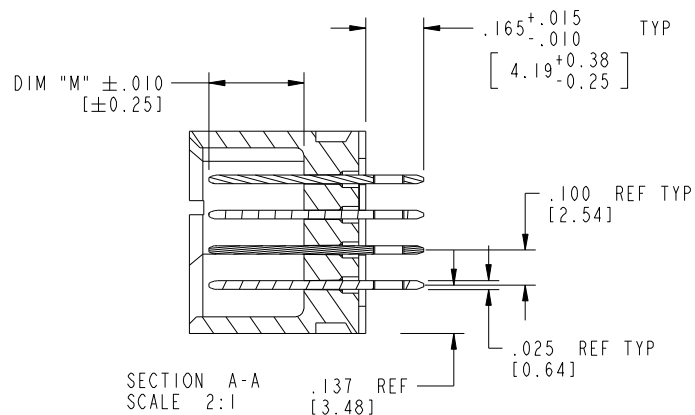
Pro/E

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
519520000001
NOTE 3



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		title 4P + 24S VERTICAL PRESS FIT HEADER
C					XXX±.005/0.XX±0.13				projection 		
					XXX±.0020/0.XXX±0.051						
				angles	0°±2°				INCH/MM scale 1:1	product family PwrBlade	code 213 sheet 2 of 4
				dr	C. DAILY	09/24/02					
				enrg	M. MOSTOLLER	09/24/02					
				chr	M. MOSTOLLER	09/24/02					
				appd	M. MOSTOLLER	09/24/02					
sheet index	revision sheet										

Pro/E

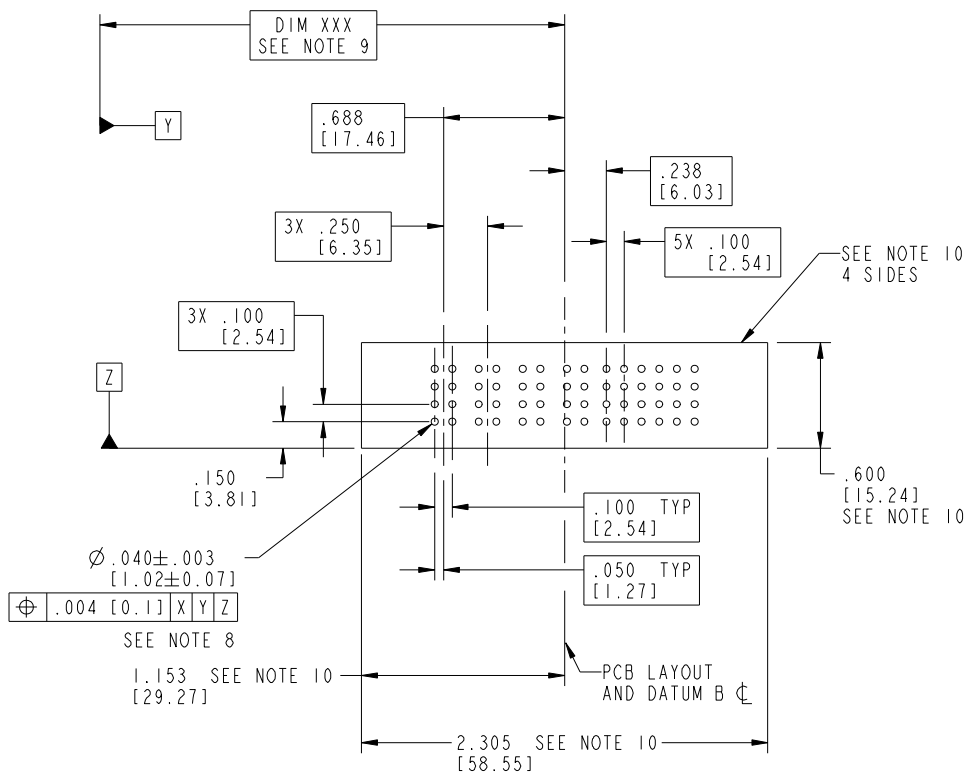
cage code 22526

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51952-010--
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				4P + 24S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
C														projection												VERTICAL PRESS FIT HEADER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
												.XXX±.005/0.XX±0.13								product family				PwrBlade						code				213																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
										.XXX±.0020/0.XXX±0.051				INCH/MM														size										dwg no				51952-010				sheet				3 of 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
												0°±2°						scale				A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

Pro/E

cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriete de c FCI. Droits de reproduction FCI.

A



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

B

1 | 2

3 |

4

PRODUCT NUMBER
51952-010-001

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:

△ 51952-010, 51952-010LF, PLATING SPEC. SEE PRINT: 10064183

- 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 $\varnothing .0453 \pm .0010$ [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. FOR PRESS FIT APPLICATION,
USE FCI CAM TOOL 430169-XXX.

12. A △ 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				 www.fciconnect.com				
ltr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY				title	4P + 24S VERTICAL PRESS FIT HEADER				
C									$.XXX \pm .005 / 0.XX \pm 0.13$		projection									
									$.XXX \pm .0020 / 0.XXX \pm 0.051$											
								angles	$0^\circ \pm 2^\circ$						product family		PwrBlade		code	
								dr	C. DAILY 09/24/02		INCH/MM				size		dwg no		213	
								enrg	M. MOSTOLLER 09/24/02		scale				A		51952-010		sheet 4 of 4	
								chr	M. MOSTOLLER 09/24/02											
								appd	M. MOSTOLLER 09/24/02											
sheet index		revision sheet																		

A

B

1 | 2

Pro/E

3 |

cage code 22526

4