

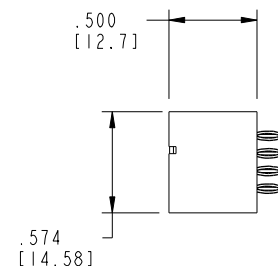
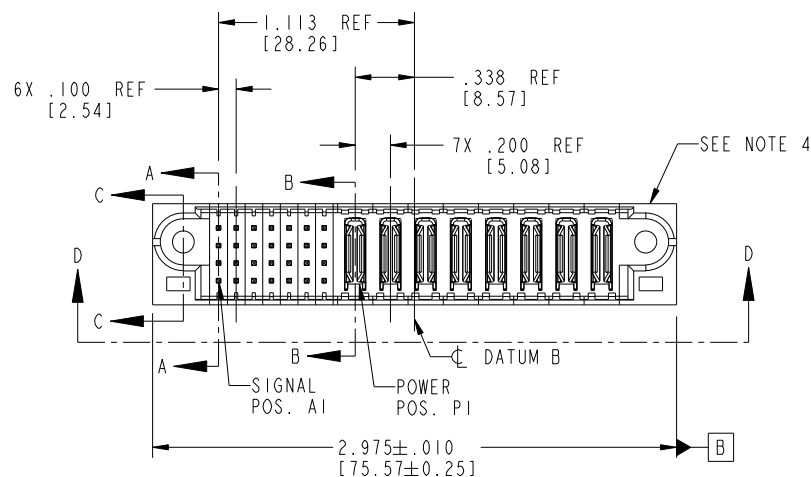


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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	SIGNAL							POWER								E2		
		E1	1	2	3	4	5	6	7	P1	P2	P3	P4	P5	P6	P7		P8	
51952-019_	D C B A		G	G	G	G	G	G	G		PC	PC	PC	PC	PC	PC	PC	PC	
Note: ③			G	G	G	G	G	G	G										
			G	G	G	G	G	G	G										



mal'ti code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V03-0258	DAI	03/06/03				.XXX±.005/0.XX±0.13	projection		title 28S+8P	
B	DG05-0075	JM	04/22/05				.XXX±.0020/0.XXX±0.051			VERTICAL PRESS FIT HEADER	
C	DG05-0450	Ryan	11/12/05			angles	0°±2°			product family PwrBlade	
D	DG07-0357	SH	01/05/08			dr	D. INGRAM 03/06/03			code 213	
						enrg	M. MOSTOLLER 03/06/03			size dwg no	
						chr	M. MOSTOLLER 03/06/03			51952-019	
						appd	M. MOSTOLLER 03/06/03			sheet 1 of 4	
sheet index		revision sheet		D	D	D	D	scale 1:1		cage code 22526	
				1	2	3	4				

Pro/E

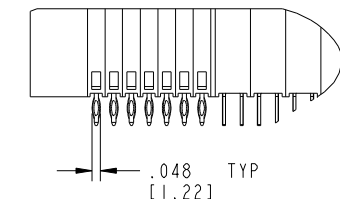
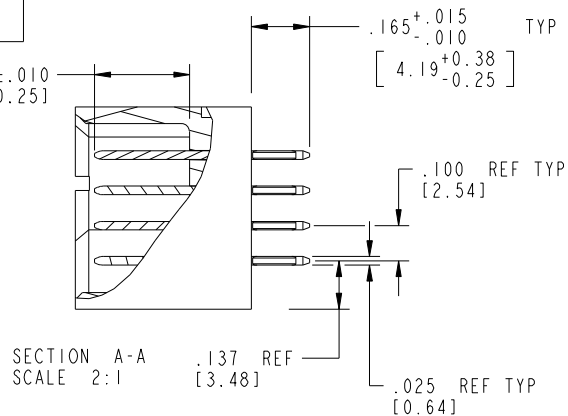
Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



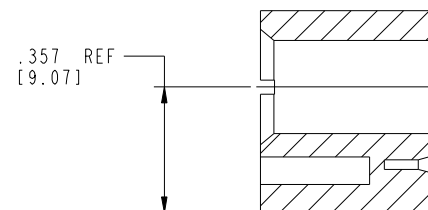
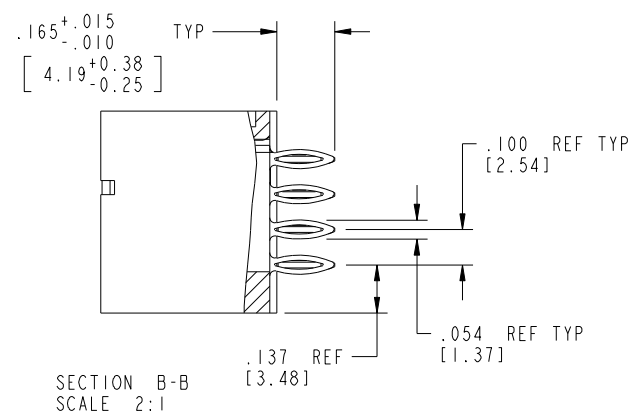
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51952-019--
Note: ③

DIM "M" $\pm .010$
[± 0.25]



△ PARTIAL VIEW D-D



SECTION C-C
SCALE 2:1

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 28S+8P VERTICAL PRESS FIT HEADER			
D					.XXX±.005/0.XX±0.13		projection					
					.XXX±.0020/0.XXX±0.051							
				angles	0°±2°				product family PwrBlade code 213 size dwg no 51952-019 sheet 2 of 4			
				dr	D. INGRAM	03/06/03	INCH/MM					
				enrg	M.MOSTOLLER	03/06/03	scale 1:1					
				chr	M.MOSTOLLER	03/06/03						
				appd	M.MOSTOLLER	03/06/03						
sheet index		revision sheet										

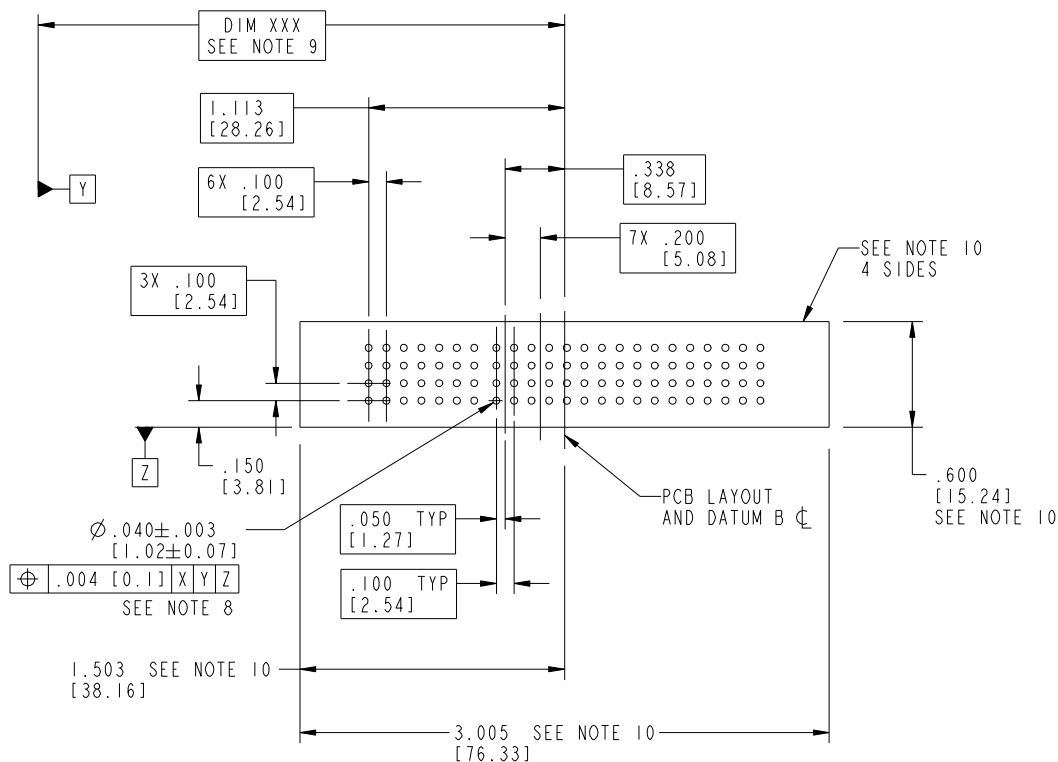
Pro/E

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
51952-019--
Note: (3)



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	.XX $\pm$.01/.X $\pm$ 0.3	COPY		projection		title	28S+8P
D						angles	.XXX $\pm$.005/.XX $\pm$ 0.13					VERTICAL PRESS FIT HEADER	
						dr	.XXX $\pm$.0020/.XXX $\pm$ 0.051					product family	PwrBlade
						enrg	0 $^{\circ}$ $\pm$ 2 $^{\circ}$					code	213
						chr	D. INGRAM 03/06/03					size	dwg no
						appd	M.MOSTOLLER 03/06/03					scale	51952-019
							M.MOSTOLLER 03/06/03					sheet	3 of 4
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
51952-019-001

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:

△ 51952-019, 51952-019LF, 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 $\pm$ 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. FOR PRESS FIT APPLICATION USE FCI CAM
TOOL 430169-013

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		FCI		www.fciconnect.com	
ltr	ecr no.	dr	date					COPY					
D				linear		.XX±.01/0.X±0.3		projection		title	28S+8P		
						.XXX±.005/0.XX±0.13				VERTICAL PRESS FIT HEADER			
				angles		.XXX±.0020/0.XXX±0.051							
						0°±2°							
				dr	D. INGRAM	03/06/03		INCH/MM		product family	PwrBlade	code	
				enrg	M.MOSTOLLER	03/06/03				size	dwg no	213	
				chr	M.MOSTOLLER	03/06/03		scale		A	51952-019	sheet	4 of 4
				appd	M.MOSTOLLER	03/06/03		1:1					
sheet index		revision											
		sheet											

cage code 22526

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[51952-019LF](#) [51952-019](#)