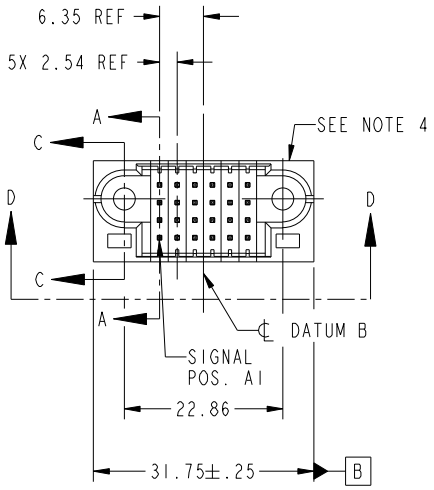
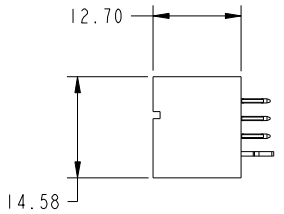
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire.
Propriete de c FCI. Droits de reproduction FCI.

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 NO.	ROWS	SIGNAL E1	1	2	3	4	5	6	E2
51952-104__ NOTE (3)	D C B A	HA	G	G	G	G	G	G	HA





CODE	DIM "M" MATING LENGTH	CONTACT TYPE
HA	[N/A]	HOLD-DOWN
G	[6.86]	SIGNAL

mat'l code				tolerances unless otherwise specified		CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY	
A	DG06-0456	JULIA	11/06/06		0.XX ±0.13	projection	title: 24S VERTICAL PF HEADER
B	DG07-0357	SH	01/16/08		0.XXX ±0.051		
				angles	0° ±2°		product family: PwrBlade; code: 213
				dr	JULIA WANG 11/06/06	MM	size: A; dwg no: 51952-104; sheet: 1 of 4
				engr	RYAN YUAN 11/06/06		
				chr	BEER FU 11/06/06	scale 1:1	
				appd	JOSEPH HSIA 11/06/06		

sheet index	revision	B	B	B	B
	sheet	1	2	3	4

Pro/E

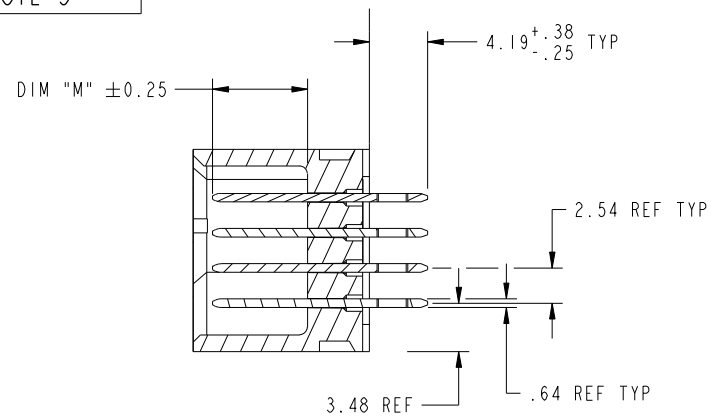
cage code 22526

PDM: Rev:B STATUS:Released Printed: Dec 20, 2010

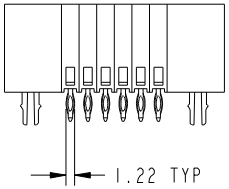
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire.
Propriete de c FCI. Droits de reproduction FCI.

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.

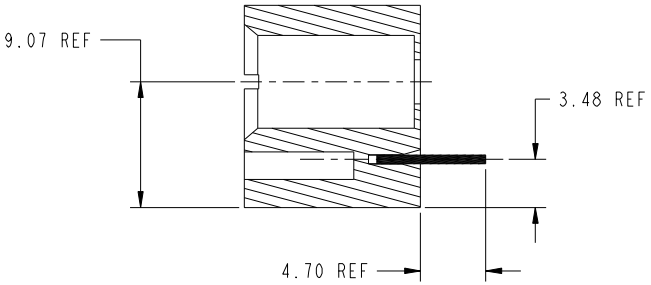
PRODUCT NUMBER
51952-104__
NOTE 3



SECTION A-A
SCALE 2:1



B BOTTOM VIEW D-D



SECTION C-C
SCALE 2:1

mat'l code				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date		0.X ±0.3		COPY	
B				linear	0.XX ±0.13		projection	title: 24S VERTICAL PF HEADER
					0.XXX ±0.051			
				angles	0° ±2°			
				dr	JULIA WANG	11/06/06	MM	product family: PwrBlade; code: 213
				engr	RYAN YUAN	11/06/06		size: A; dwg no: 51952-104; sheet: 2 of 4
				chr	BEER FU	11/06/06	scale	
				appd	JOSEPH HSIA	11/06/06	1:1	
sheet index	revision							
	sheet							

Pro/E

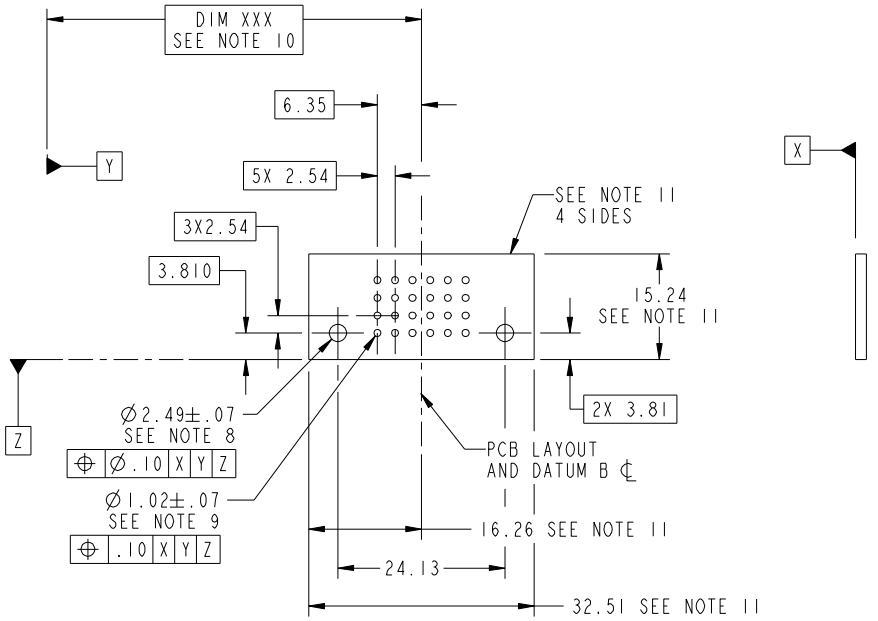
cage code 22526

PDM: Rev:B STATUS:Released Printed: Dec 20, 2010

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire.
Propriete 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
51952-104__ NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY	
B					0.XX ±0.13		projection	title: 24S VERTICAL PF HEADER
					0.XXX ±0.051			
				angles	0° ±2°			
				dr	JULIA WANG	11/06/06	MM	product family: PwrBlade; code: 213
				engr	RYAN YUAN	11/06/06		size: A; dwg no: 51952-104; sheet: 3 of 4
				chr	BEER FU	11/06/06	scale	
				appd	JOSEPH HSIA	11/06/06	1:1	
sheet index	revision							
	sheet							

Pro/E

cage code 22526

PDM: Rev:B STATUS:Released Printed: Dec 20, 2010

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire.
Propriete 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
51952-104-001

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:
51952-104 ,51952-104LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 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.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

(9) Ø1.151±0.025 DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
Ø1.02±.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-XXX

13. A (B) SYMBOL WILL BE NEXT TO ANY DIMENSIION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING REVISION.

mat'l code				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY	
B					0.XX ±0.13		projection	title: 24S VERTICAL PF HEADER
					0.XXX ±0.051			
				angles	0° ±2°			
				dr	JULIA WANG	11/06/06	MM	product family: PwrBlade; code: 213
				engr	RYAN YUAN	11/06/06		size: A; dwg no: 51952-104; sheet: 4 of 4
				chr	BEER FU	11/06/06	scale	
				appd	JOSEPH HSIA	11/06/06	1:1	
sheet index	revision							
	sheet							

Pro/E

cage code 22526

PDM: Rev:B STATUS:Released Printed: Dec 20, 2010