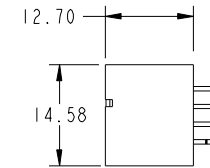
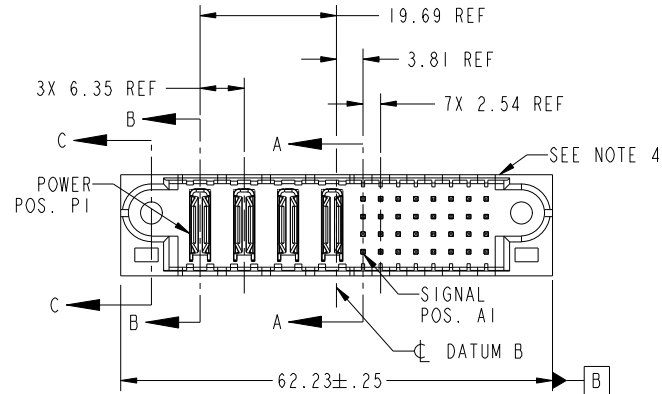


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.



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	POWER					SIGNAL								E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	7	8	
51712-012-- NOTE ③	D C B A		PA	PA	PA	PA	1	2	3	4	5	6	7	8	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
E	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN
H	[5.59]	SIGNAL

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
A	DG06-0465	JMG	11/07/06		0.XX ±0.13	projection		title 4p+32s Vertical Solder Header	
				angles	0.XXX ±0.051			product family PwrBlade code 213	
				dr	0° ±2°	MIM		size dwg no 51712-012 sheet 1 of 4	
				enrg	JM GUO 11/07/06	scale 1:1			
				chr	RYAN YUAN 11/07/06				
				appd	BEER FU 11/07/06				
					JOSEPH HSIA 11/07/06				
sheet index	revision sheet	A 1	A 2	A 3	A 4			cage code 22526	

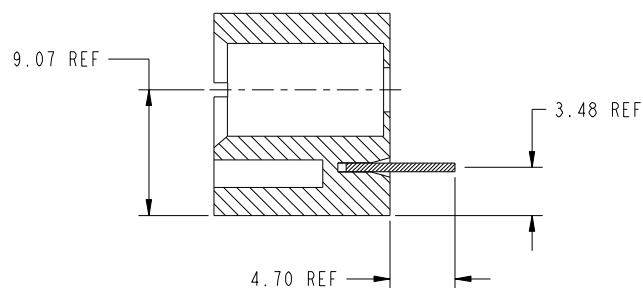
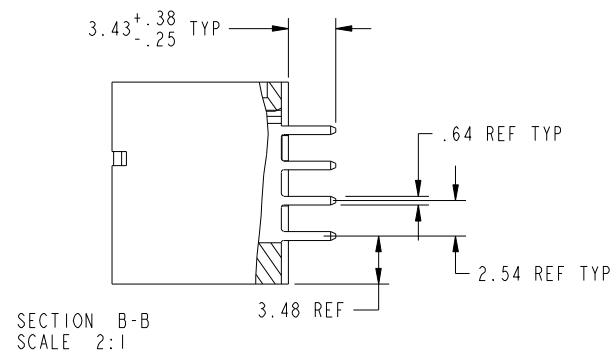
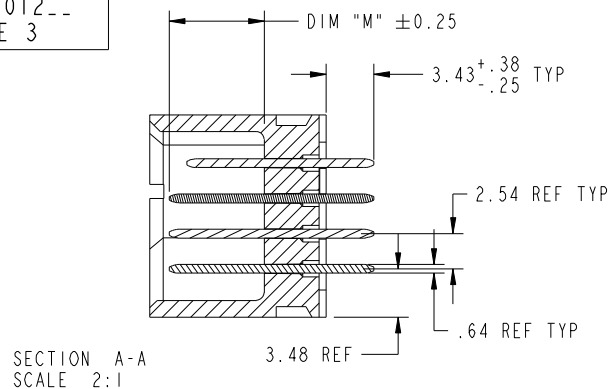
Pro/E

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.



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
51712-012--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
A				linear	0.XX ±0.13	projection		title 4p+32s Vertical Solder Header	
				angles	0.XXX ±0.051			product family PwrBlade code 213	
				dr	0° ±2°			size dwg no 51712-012 sheet 2 of 4	
				enr	JM GUO 11/07/06	MIM		scale 1:1	
				chr	RYAN YUAN 11/07/06			cage code 22526	
				appd	BEER FU 11/07/06				
					JOSEPH HSIA 11/07/06				
sheet index	revision sheet								

Pro/E

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.

DIM XXX
 SEE NOTE 10

54.61

19.69

3X 6.35

3.81

7X 2.54

SEE NOTE 11
 4 SIDES

15.24
 SEE NOTE 11

3X 2.54

3.81

2.54 TYP

1.27 TYP

PCB LAYOUT
 AND DATUM B ϕ

31.50 SEE NOTE 11

62.99 SEE NOTE 11

2X 3.81

Y

Z

$\phi 2.49 \pm .07$
 SEE NOTE 8

$\phi .10$ X Y Z

$\phi 1.02 \pm .07$
 SEE NOTE 9

$\phi .10$ X Y Z

X

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com							
lfr	ecn no.	dr	date	linear	0.X $\pm$ 0.3				projection		title 4pt32s Vertical Solder Header						
A					0.XX $\pm$ 0.13												
					0.XXX $\pm$ 0.051												
				angles	0° $\pm$ 2°				 scale 1:1	product family				PwrBlade		code	
				dr	JM GUO 11/07/06					size		dwg no				213	
				engr	RYAN YUAN 11/07/06					A		51712-012		3 of 4			
				chr	BEER FU 11/07/06												
				appd	JOSEPH HSIA 11/07/06												
sheet index		revision sheet															
Pro/E				3				cage code				22526				4	

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.



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																																																																																																																											
51712-012-- NOTE 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: 51712-012 ,51712-012LF 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 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm .07$ HOLE.																																																																																																																											
10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.																																																																																																																											
11 CONNECTOR KEEP-OUT ZONE.																																																																																																																											
<table><tr><td colspan="4">mat'l code</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2"></td><td colspan="2">www.fciconnect.com</td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td rowspan="3">linear</td><td colspan="2">0.X ± 0.3</td><td colspan="2">COPY</td><td rowspan="3"></td><td colspan="2">title</td></tr><tr><td>A</td><td></td><td></td><td></td><td colspan="2">0.XX ± 0.13</td><td colspan="2">projection</td><td colspan="2">4p+32s</td></tr><tr><td></td><td></td><td></td><td></td><td colspan="2">0.XXX ± 0.051</td><td colspan="2"></td><td colspan="2">Vertical Solder Header</td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td colspan="2">0° $\pm 2^\circ$</td><td colspan="2"></td><td colspan="2">product family</td><td>PwrBlade</td><td>code</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>JM GUO</td><td>11/07/06</td><td colspan="2">scale</td><td colspan="2">size</td><td>dwg no</td><td>213</td></tr><tr><td></td><td></td><td></td><td></td><td>enrg</td><td>RYAN YUAN</td><td>11/07/06</td><td colspan="2">1:1</td><td colspan="2">A</td><td>51712-012</td><td>sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>BEER FU</td><td>11/07/06</td><td colspan="2"></td><td colspan="2"></td><td></td><td>4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>JOSEPH HSIA</td><td>11/07/06</td><td colspan="2"></td><td colspan="2"></td><td></td><td></td></tr><tr><td colspan="2">sheet index</td><td colspan="2">revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		mat'l code				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com		ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY			title		A				0.XX ± 0.13		projection		4p+32s						0.XXX ± 0.051				Vertical Solder Header						angles	0° $\pm 2^\circ$				product family		PwrBlade	code					dr	JM GUO	11/07/06	scale		size		dwg no	213					enrg	RYAN YUAN	11/07/06	1:1		A		51712-012	sheet					chr	BEER FU	11/07/06						4 of 4					appd	JOSEPH HSIA	11/07/06							sheet index		revision sheet										
mat'l code				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com																																																																																																																	
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY			title																																																																																																																	
A					0.XX ± 0.13		projection			4p+32s																																																																																																																	
					0.XXX ± 0.051					Vertical Solder Header																																																																																																																	
				angles	0° $\pm 2^\circ$				product family		PwrBlade	code																																																																																																															
				dr	JM GUO	11/07/06	scale		size		dwg no	213																																																																																																															
				enrg	RYAN YUAN	11/07/06	1:1		A		51712-012	sheet																																																																																																															
				chr	BEER FU	11/07/06						4 of 4																																																																																																															
				appd	JOSEPH HSIA	11/07/06																																																																																																																					
sheet index		revision sheet																																																																																																																									
sheet index		revision sheet																																																																																																																									

Pro/E

cage code
22526

Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[51712-012](#) [51712-012LF](#)