

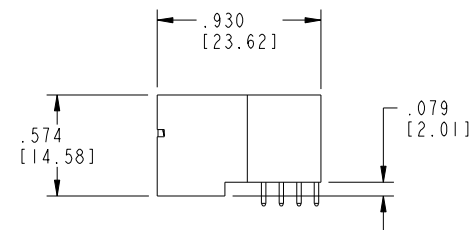
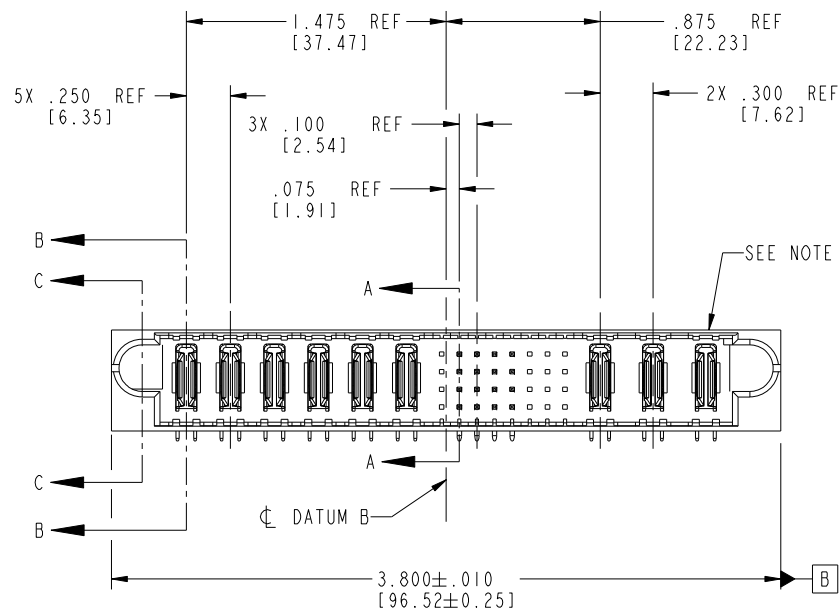


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

PRODUCT NO.	ROWS	POWER						SIGNAL								POWER			E2	
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	P7	P8		P9
51935-002-- NOTE: ③	D C B A		PA	PA	PA	PA	PA	PA	X	H	U	U	X	X	X	X	PA	PA	PA	
									X	T	G	T	X	X	X	X				
									X	S	S	S	X	X	X	X				
									X	R	R	R	X	X	X	X				



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY				title	
A	V20024	DAI	01/18/02	linear		.XX±.01/0.X±0.3		projection				6P + 32S + 3P	
B	V20464	DAI	03/07/02			.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER w/ GUIDE POST	
C	V21561	CGD	10/02/02	angles		.XXX±.002/0.XXX±0.051							
D	DG05-0216	SJ	07/11/05	dr		0°±2°							
E	DG06-0005	JMG	01/07/06	enr		D. INGRAM 01/18/02		INCH/MM				product family	PwrBlade
F	DG08-0273	WD	12/24/08	chr		M.MOSTOLLER 01/18/02		scale				size	dwg no
				appd		M.MOSTOLLER 01/18/02		1:1				A	51935-002
sheet index	revision	F	F	F	F								code
	sheet	1	2	3	4								213
													sheet 1 of 4

Pro/E

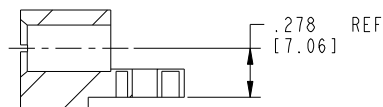
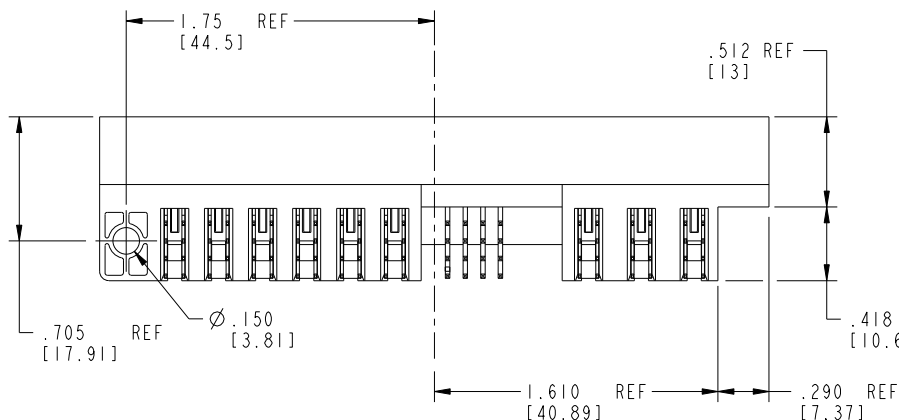
cage code 22526

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.

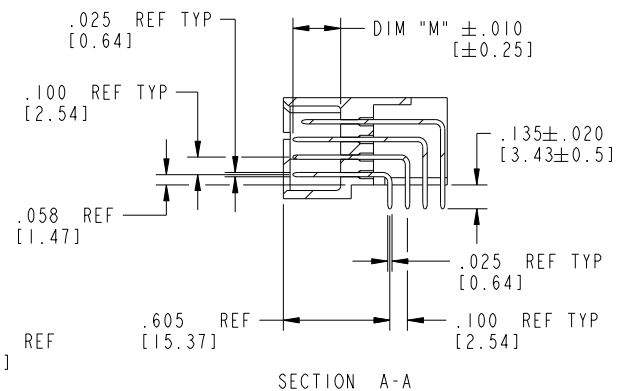


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

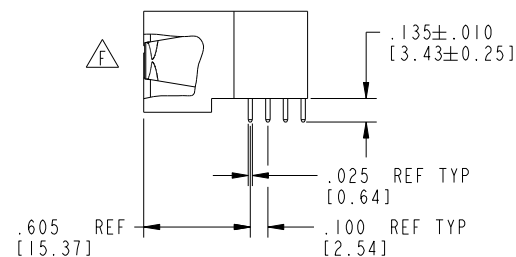
PRODUCT NUMBER
51935-002--
NOTE: ③



SECTION C-C



SECTION A-A



SECTION B-B

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 6P + 32S + 3P RIGHT ANGLE SOLDER HEADER w/ GUIDE POST
F					.XXX±.005/0.XX±0.13	projection			
					.XXXX±.0020/0.XXX±0.051				
				angles	0°±2°			product family PwrBlade	code 213 sheet 2 of 4
			dr	D. INGRAM	01/18/02	scale 1:1			
			enrg	M.MOSTOLLER	01/18/02				
			chr	M.MOSTOLLER	01/18/02			A	51935-002
			appd	M.MOSTOLLER	01/18/02				
sheet index	revision sheet								

Pro/E

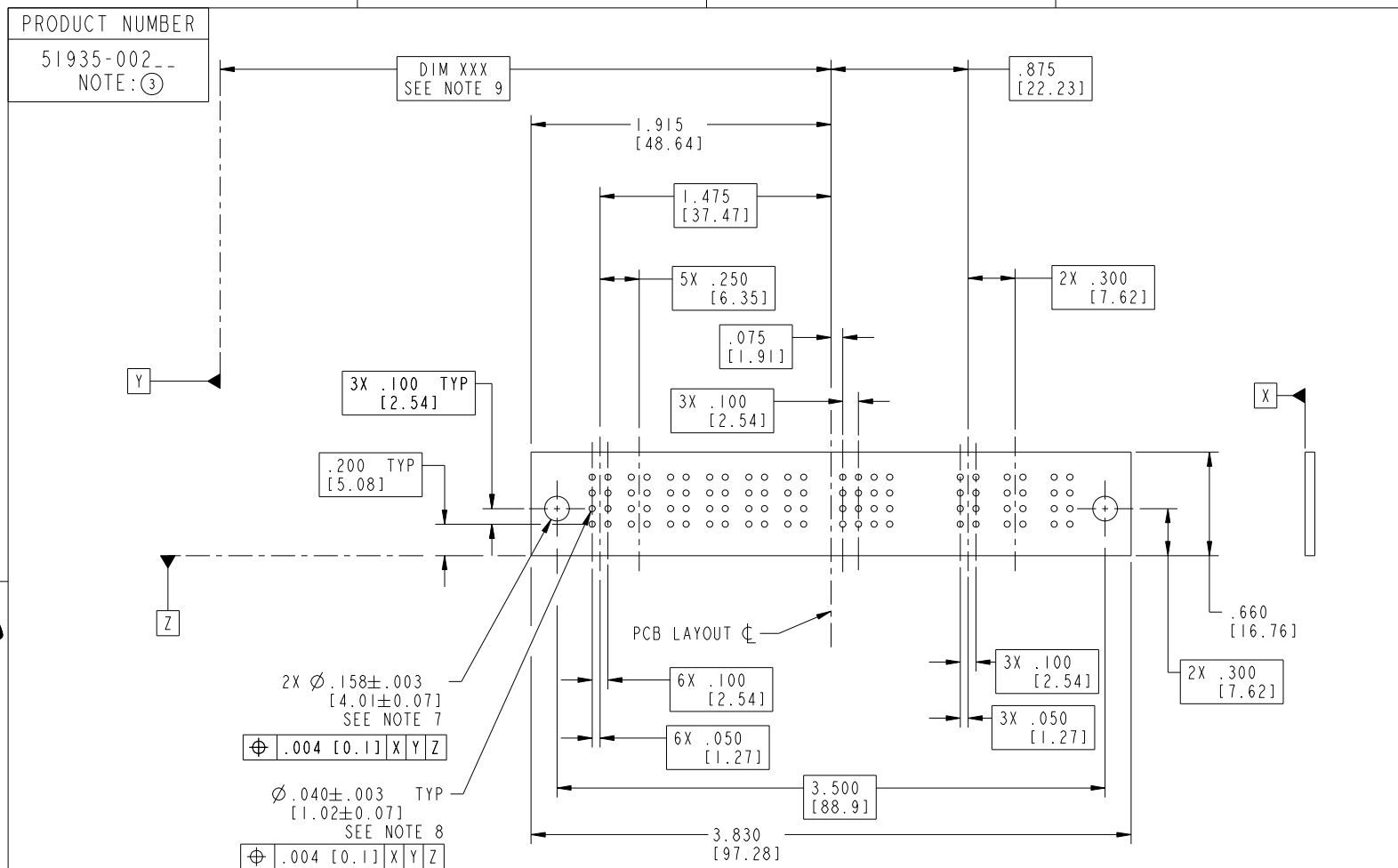


All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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.

A

B



A

B

RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title	6P + 32S + 3P RIGHT ANGLE SOLDER HEADER w/ GUIDE POST	
F					.XXX±.005/0.XX±0.13						
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°			scale	product family	PwrBlade	code
				dr	D. INGRAM 01/18/02						
				enr	M.MOSTOLLER 01/18/02						
				chr	M.MOSTOLLER 01/18/02		1:1	A	size	dwg no	213
				appd	M.MOSTOLLER 01/18/02						
sheet index		revision sheet									

1 | 2

Pro/E

3 |

cage code 22526

4



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.

1 2		3		4																																																																																																																									
PRODUCT NUMBER																																																																																																																													
51935-002--																																																																																																																													
NOTE:③																																																																																																																													
NOTES:																																																																																																																													
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.																																																																																																																													
CONNECTORS NOTES:																																																																																																																													
2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC																																																																																																																													
POWER CONTACT MATERIAL: COPPER ALLOY																																																																																																																													
SIGNAL PIN MATERIAL: COPPER ALLOY																																																																																																																													
△3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51935-002 AND 51935-002LF RESPECTIVELY.																																																																																																																													
4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.																																																																																																																													
5. PRODUCT SPECIFICATION GS-12-149.																																																																																																																													
PCB - NOTES:																																																																																																																													
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.																																																																																																																													
7. HOLD DOWN THROUGH HOLES ARE UNPLATED.																																																																																																																													
8. $\varnothing.0453\pm0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH 0.0003 [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. A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.																																																																																																																													
<table><tr><td colspan="2">mat'l code</td><td colspan="2">SEE NOTE 2</td><td colspan="2">tolerances unless otherwise specified</td><td colspan="2">CUSTOMER</td><td colspan="2">FCI</td><td colspan="2">www.fciconnect.com</td></tr><tr><td>ltr</td><td>ecn no.</td><td>dr</td><td>date</td><td></td><td></td><td></td><td>COPY</td><td></td><td></td><td></td><td></td></tr><tr><td>F</td><td></td><td></td><td></td><td>linear</td><td></td><td>$.XX\pm.01/0.X\pm0.3$</td><td>projection</td><td></td><td>title</td><td colspan="2">6P + 32S + 3P</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>$.XXX\pm.005/0.XX\pm0.13$</td><td></td><td></td><td colspan="3">RIGHT ANGLE SOLDER HEADER w/ GUIDE POST</td></tr><tr><td></td><td></td><td></td><td></td><td>angles</td><td></td><td>$.XXX\pm.0020/0.XXX\pm0.051$</td><td></td><td></td><td>product family</td><td>PwrBlade</td><td>code</td></tr><tr><td></td><td></td><td></td><td></td><td>dr</td><td>D. INGRAM</td><td>01/18/02</td><td></td><td></td><td>size</td><td>dwg no</td><td>213</td></tr><tr><td></td><td></td><td></td><td></td><td>engr</td><td>M.MOSTOLLER</td><td>01/18/02</td><td>INCH/MM</td><td></td><td></td><td></td><td>sheet</td></tr><tr><td></td><td></td><td></td><td></td><td>chr</td><td>M.MOSTOLLER</td><td>01/18/02</td><td>scale</td><td></td><td>A</td><td>51935-002</td><td>4 of 4</td></tr><tr><td></td><td></td><td></td><td></td><td>appd</td><td>M.MOSTOLLER</td><td>01/18/02</td><td>1:1</td><td></td><td></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></tr></table>						mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com		ltr	ecn no.	dr	date				COPY					F				linear		$.XX\pm.01/0.X\pm0.3$	projection		title	6P + 32S + 3P								$.XXX\pm.005/0.XX\pm0.13$			RIGHT ANGLE SOLDER HEADER w/ GUIDE POST							angles		$.XXX\pm.0020/0.XXX\pm0.051$			product family	PwrBlade	code					dr	D. INGRAM	01/18/02			size	dwg no	213					engr	M.MOSTOLLER	01/18/02	INCH/MM				sheet					chr	M.MOSTOLLER	01/18/02	scale		A	51935-002	4 of 4					appd	M.MOSTOLLER	01/18/02	1:1					sheet index		revision sheet									
mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com																																																																																																																			
ltr	ecn no.	dr	date				COPY																																																																																																																						
F				linear		$.XX\pm.01/0.X\pm0.3$	projection		title	6P + 32S + 3P																																																																																																																			
						$.XXX\pm.005/0.XX\pm0.13$			RIGHT ANGLE SOLDER HEADER w/ GUIDE POST																																																																																																																				
				angles		$.XXX\pm.0020/0.XXX\pm0.051$			product family	PwrBlade	code																																																																																																																		
				dr	D. INGRAM	01/18/02			size	dwg no	213																																																																																																																		
				engr	M.MOSTOLLER	01/18/02	INCH/MM				sheet																																																																																																																		
				chr	M.MOSTOLLER	01/18/02	scale		A	51935-002	4 of 4																																																																																																																		
				appd	M.MOSTOLLER	01/18/02	1:1																																																																																																																						
sheet index		revision sheet																																																																																																																											
1 2		Pro/E		3		cage code		22526		4																																																																																																																			