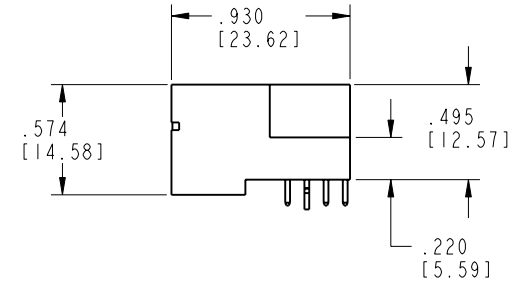
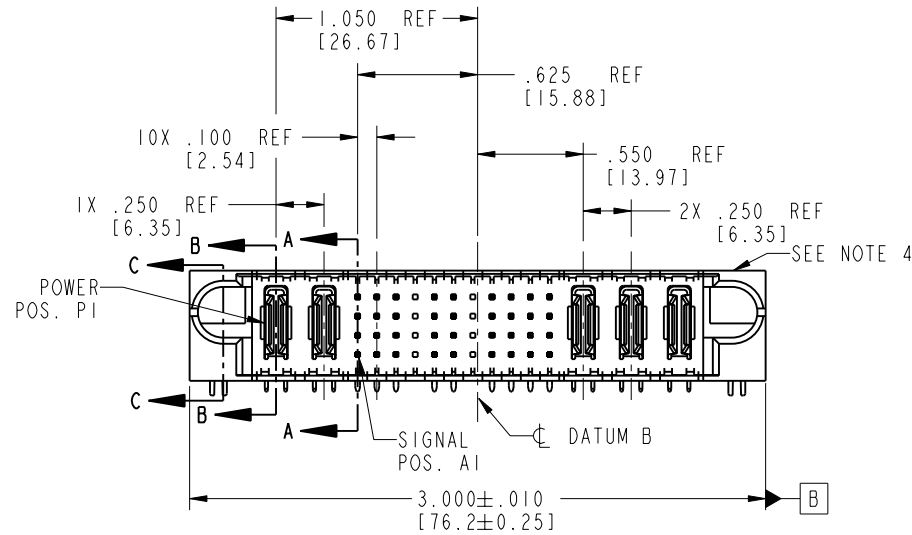


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

FCI

All rights strictly reserved. Reproduction or issue to third parties in any form without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS			POWER		SIGNAL										POWER			
		E1	P1	P2	1	2	3	4	5	6	7	8	9	10	11	P3	P4	P5	E2
51730-064-- NOTE: 3	D C B A		PA	PA	UUU	X	UU	X	UUUU	UUU	X	UU	X	UUUU	UUU	PA	PA	PA	
		HA			SSS	X	SS	X	SSSS	SSS	X	SS	X	SSSS	SSS				HA
					RRR	X	RR	X	RRRR	RRR	X	RR	X	RRRR	RRR				



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.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
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com						
lfr		ecn no.		dr		date		linear	.XX±.01/0.X±0.3				COPY				projection  title 2P + 44S + 3P RIGHT ANGLE SOLDER HEADER					
A		V21815		CGD		11/26/02			.XXX±.005/0.XX±0.13													
B		V21841		CGD		12/04/02			.XXXX±.0020/0.XXX±0.051													
C		V21853		TAB		12/06/02		angles	0°±2°				INCH/MM  scale 1:1				product family PwrBlade code 213 sheet 1 of 4					
D		V03-0305		TAB		03/13/03			dr		C. DAILY										11/26/02	
E		DG05-0389		GuoJM		10/20/05			engr		M. MOSTOLLER										11/26/02	
								chr		M. MOSTOLLER		11/26/02										
								appd		M. MOSTOLLER		11/26/02										
sheet index		revision sheet		E		E		E		E												
				1		2		3		4												

Pro/E

3

cage code 22526

4

PDM: Rev:E

STATUS: Released

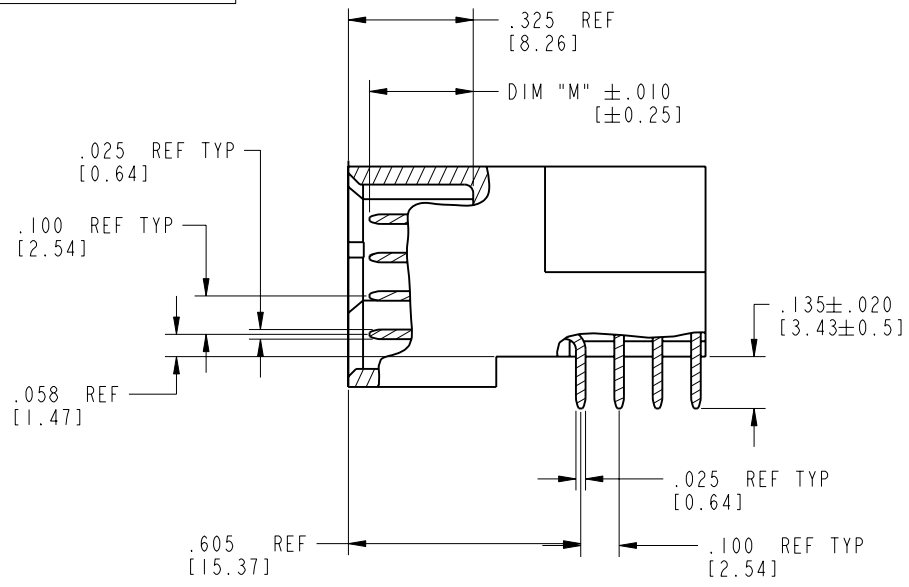
Printed: Aug 12, 2007

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

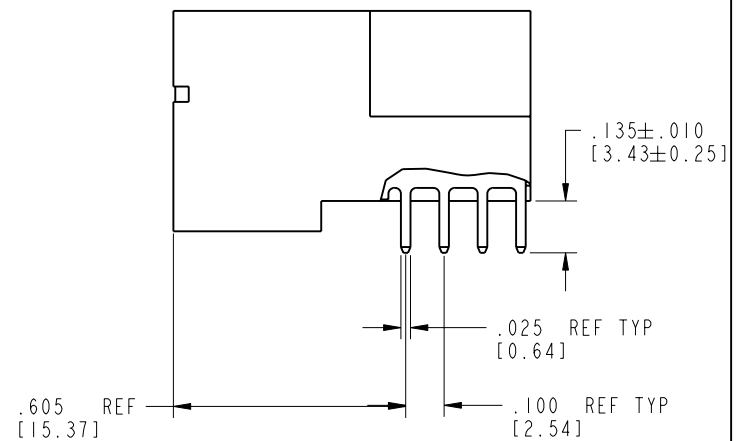
FCI

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.

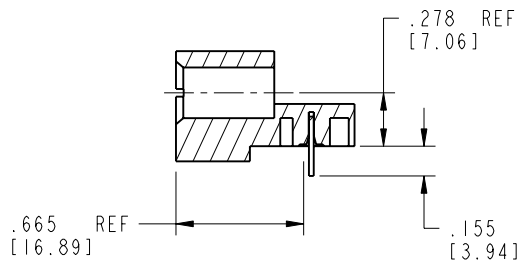
PRODUCT NUMBER
51730-064__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date			linear	angles	COPY	projection		
E						.XX±.01/0.X±0.3				title	2P + 44S + 3P
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
						.XXX±.0020/0.XXX±0.051				product family	PwrBlade
										code	213
						dr C. DAILY 11/26/02				size	dwg no
						enrg M. MOSTOLLER 11/26/02				A	51730-064
						chr M. MOSTOLLER 11/26/02					
						appd M. MOSTOLLER 11/26/02				sheet	2 of 4
sheet index	revision sheet										

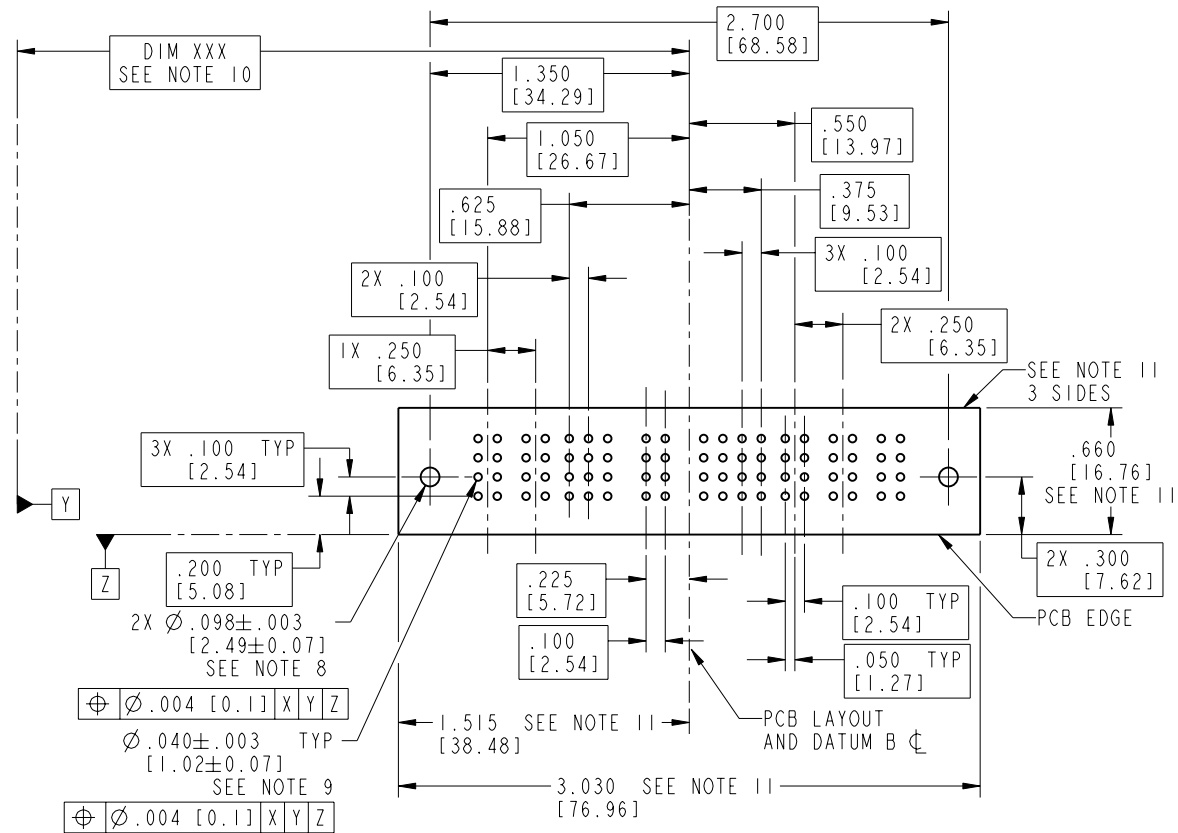
cage code 22526

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

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
51730-064--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title				
E					.XXX±.005/0.XX±0.13				2P + 44S + 3P				
				angles	.XXXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	product family				
					0°±2°				PwrBlade				
		dr	C. DAILY	11/26/02	enrg	M. MOSTOLLER	11/26/02	INCH/MM	size		dwg no	code	
													213
		chr	M. MOSTOLLER	11/26/02	appd	M. MOSTOLLER	11/26/02	scale	A		51730-064	sheet	
													3 of 4
sheet index		revision sheet											

cage code 22526

Pro/E

PDM: Rev:E

STATUS: Released

Printed: Aug 12, 2007

PRODUCT NUMBER

51730-064__
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:

51730-064 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51730-064LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51730-064LF MEETS EUROPEAN UNION DIRECTIVE AND JOTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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. $\varnothing.0453 \pm .0010$ [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.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com									
lfr		ecn no.		dr		date		linear		COPY				projection				title 2P + 44S + 3P RIGHT ANGLE SOLDER HEADER							
E																									
								angles		.XX±.01/0.X±0.3															
										.XXX±.005/0.XX±0.13															
										.XXX±.0020/0.XXX±0.051															
										0°±2°															
								dr		C. DAILY 11/26/02				INCH/MM ↔				product family PwrBlade				code 213			
								engr		M. MOSTOLLER 11/26/02															
								chr		M. MOSTOLLER 11/26/02															
										M. MOSTOLLER 11/26/02				scale				A				51730-064			
														1:1											
sheet index		revision sheet																							