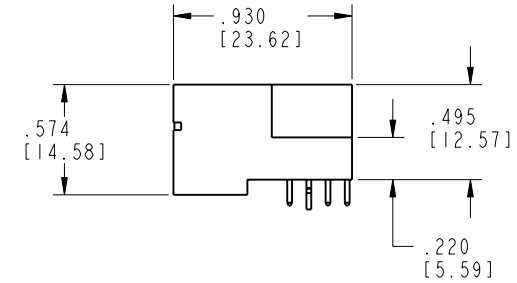
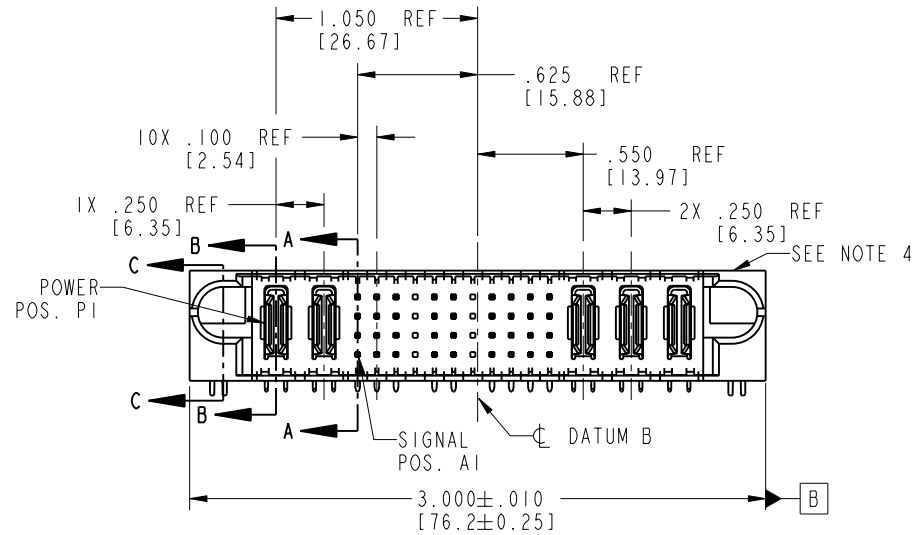


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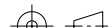
FCI

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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																																																																																																																																																																																																																																																																																																																																														



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.		cdr		date		linear		$.XX \pm .01/0.X \pm 0.3$				COPY							
A		V21815		CGD		11/26/02				$.XXX \pm .005/0.XX \pm 0.13$				projection							
B		V21841		CGD		12/04/02				$.XXXX \pm .0020/0.XXX \pm 0.051$											
C		V21853		TAB		12/06/02		angles		$0^\circ \pm 2^\circ$				RIGHT ANGLE SOLDER HEADER							
D		V03-0305		TAB		03/13/03		cdr		C. DAILY		11/26/02		INCH/MM		product family		PwrBlade		code	
E		DG05-0389		GuoJM		10/20/05		engr		M. MOSTOLLER		11/26/02				size		dwg no		213	
								chr		M. MOSTOLLER		11/26/02		scale		A		51730-064		sheet	
								appd		M. MOSTOLLER		11/26/02								1 of 4	
sheet index		revision sheet		E		E		E		E											
				1		2		3		4											

Pro/E

3

cage code 22526

4

PDM: Rev:E

STATUS: Released

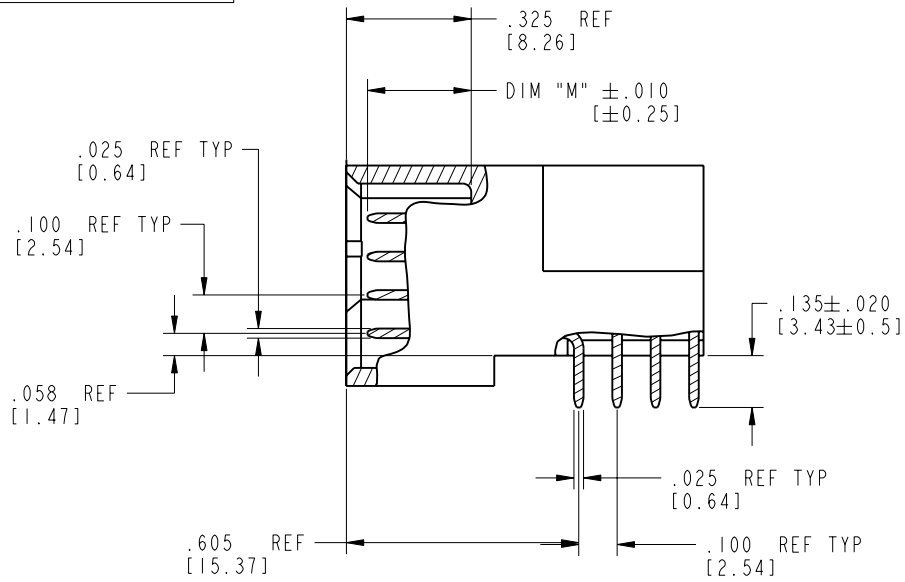
Printed: Aug 12, 2007

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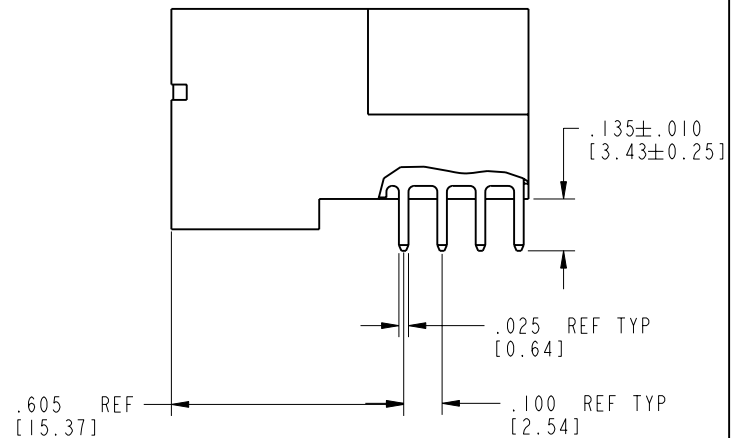
FCI

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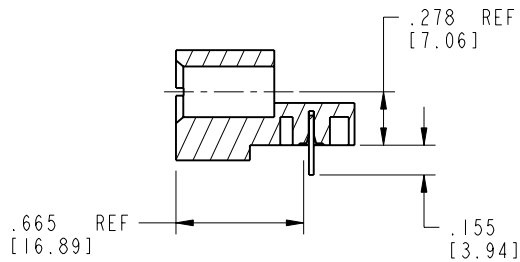
PRODUCT NUMBER
51730-064__
NOTE: 3



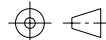
BROKEN-OUT SECTION A-A
SCALE 2:1



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	0°±2°			title	2P + 44S + 3P
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
						.XXXX±.0020/0.XXX±0.051				product family	PwrBlade
						dr C. DAILY 11/26/02				size	213
						enrg M. MOSTOLLER 11/26/02				dwg no	51730-064
						chr M. MOSTOLLER 11/26/02				A	sheet
						appd M. MOSTOLLER 11/26/02					2 of 4
sheet index	revision sheet										

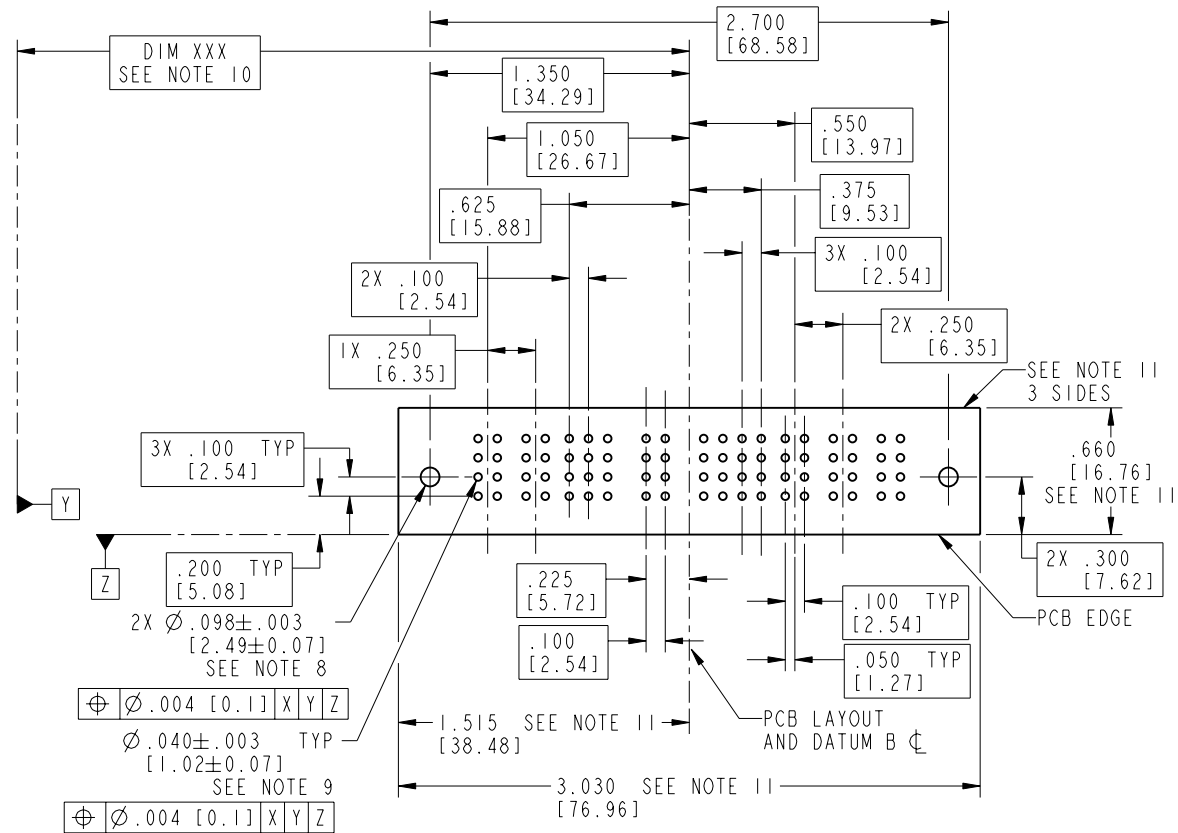
cage code 22526

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PRODUCT NUMBER
51730-064--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 2P + 44S + 3P			
E					angles	projection		RIGHT ANGLE SOLDER HEADER			
					.XXX±.005/0.XX±0.13	INCH/MM		product family		code	
					.XXX±.0020/0.XXX±0.051	scale		PwrBlade		213	
				dr	C. DAILY 11/26/02	1:1		size		sheet	
				enrg	M. MOSTOLLER 11/26/02			dwg no		3 of 4	
				chr	M. MOSTOLLER 11/26/02			A			
				appd	M. MOSTOLLER 11/26/02			51730-064			
sheet index		revision sheet									

cage code 22526

Pro/E

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:

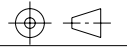
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3		COPY				
E					.XXX $\pm$.005 / 0.XX $\pm$ 0.13		projection				
					.XXXX $\pm$.0020 / 0.XXX $\pm$ 0.051		INCH/MM				
				angles	0° $\pm$ 2°		scale		1:1		
				dr	C. DAILY	11/26/02	product family		PwrBlade		code
				engr	M. MOSTOLLER	11/26/02	size		dwg no		213
				chr	M. MOSTOLLER	11/26/02	A		51730-064		sheet
				appd	M. MOSTOLLER	11/26/02					4 of 4
sheet index		revision sheet									