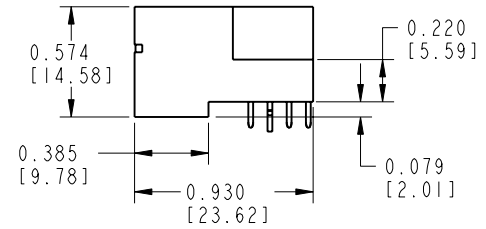
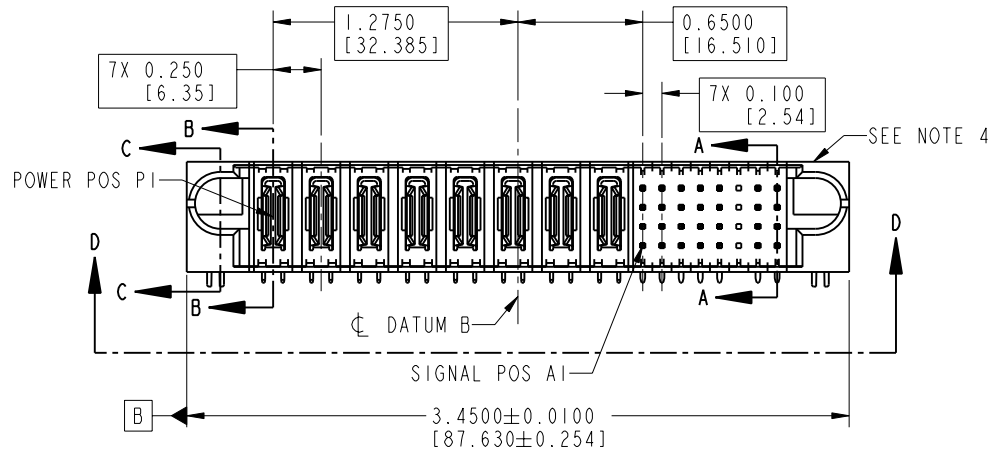
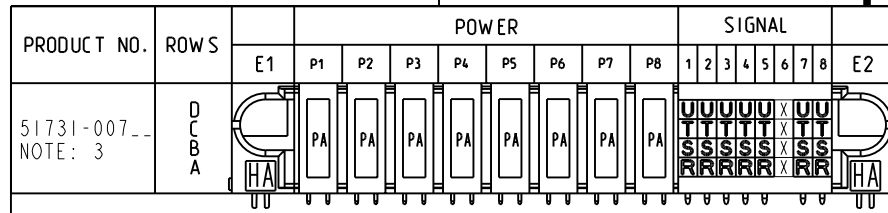


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FCI

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CODE	DIM "M" MATING LENGTH	DIM "T" TAIL LENGTH	CONTACT TYPE
R	0.270 [6.86]	0.135 [3.43]	SIGNAL
S	0.270 [6.86]	0.135 [3.43]	SIGNAL
T	0.270 [6.86]	0.135 [3.43]	SIGNAL
U	0.270 [6.86]	0.135 [3.43]	SIGNAL
HA	N/A [N/A]	N/A [N/A]	HOLD-DOWN
PA	N/A [N/A]	0.135 [3.43]	POWER
X	N/A	N/A	OMITTED

mat'l code				tolerances unless otherwise specified			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	
A	V12475	JWS	10/10/01		.XXX±.005/0.XX±0.13		
B	DG05-0458	GuoJM	11/14/05	angles	.XXX±.0020/0.XXX±0.051		
				dr	J. SHAFFER 10/10/01	INCH/MM	
				enrg	J. ALLISON 10/10/01	scale	1:1
				chr	J. ALLISON 10/10/01		
				appd	J. ALLISON 10/10/01		
sheet index	revision	B	B	B	B		
	sheet	1	2	3	4		

CUSTOMER COPY				A FCI www.fciconnect.com			
projection 				title 8P + 32S RIGHT ANGLE SOLDER HEADER			
INCH/MM 				product family PwrBlade		code 213	
scale 1:1				size dwg no A 51731-007		sheet 1 OF 4	

Pro/E

cage code 22526

PDM: Rev:B

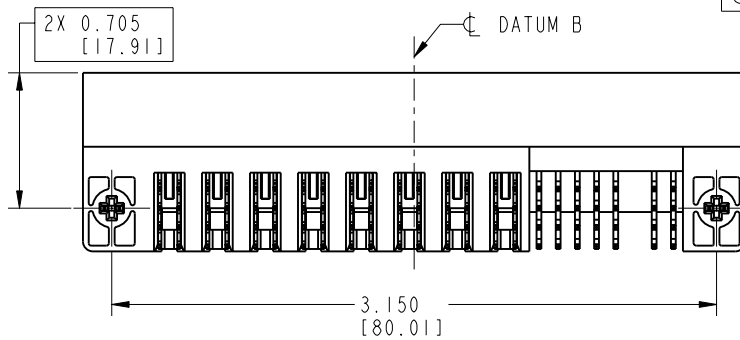
STATUS: Released

Printed: Oct 08, 2006

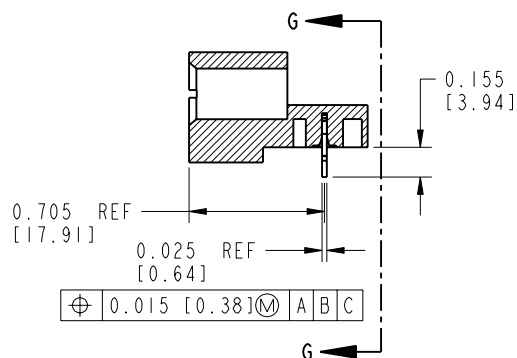
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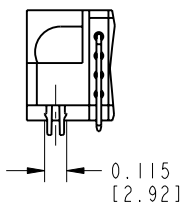
PRODUCT NUMBER
51731-007--
NOTE: 3



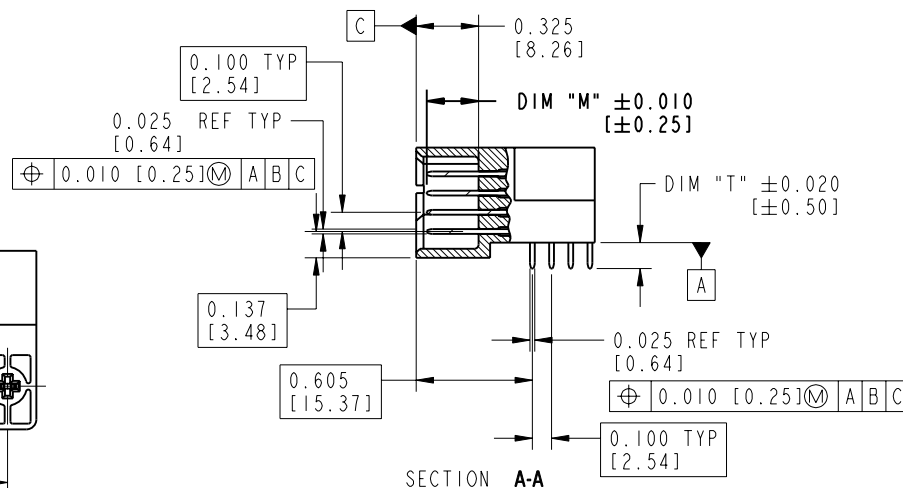
VIEW D-D



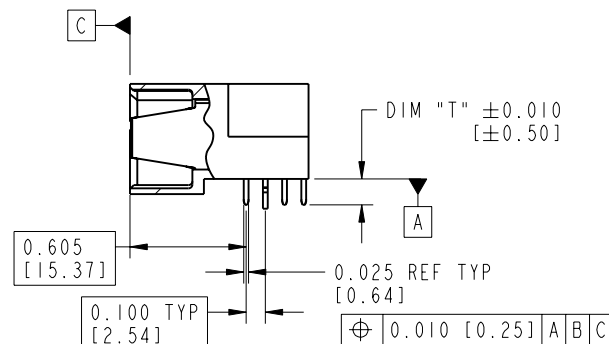
SECTION C-C



VIEW G-G



SECTION A-A



SECTION B-B

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mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	www.fciconnect.com
B				.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	projection	projection	8P + 32S	
				.XXX±.005/0.XX±0.13	.XXX±.0005/0.XX±0.013	projection	projection	RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 10/10/01	INCH/MM	INCH/MM	product family	PwrBlade
				enrg	J. ALLISON 10/10/01	scale	scale	size	dwg no
				chr	J. ALLISON 10/10/01	1:1	1:1	A	51731-007
				appd	J. ALLISON 10/10/01				
sheet index	revision sheet								

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Oct 08, 2006

Printed: Oct 08, 2006

PRODUCT NUMBER
51731-007__
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. PLATING:

51731-007 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.

51731-007LF 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 51731-007LF 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" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

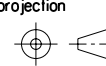
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing 0.0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER 0.001 [0.03]
TO 0.003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing 0.040 \pm 0.003$ [1.02 $\pm$ 0.07] HOLE.

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

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mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com				
lfr	ecn no.	dr	date	linear	.XX $\pm$.01 / 0.X $\pm$ 0.3		projection 	title 8P + 32S RIGHT ANGLE SOLDER HEADER				
B					.XXX $\pm$.005 / 0.XX $\pm$ 0.13							
					.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051							
				angles	0° $\pm$ 2°		INCH/MM scale 1:1	product family		PwrBlade	code	
				dr	J. SHAFFER	10/10/01		size	dwg no	A	51731-007	sheet 4
				enrg	J. ALLISON	10/10/01						
				chr	J. ALLISON	10/10/01						
				appd	J. ALLISON	10/10/01						
sheet index	revision sheet											