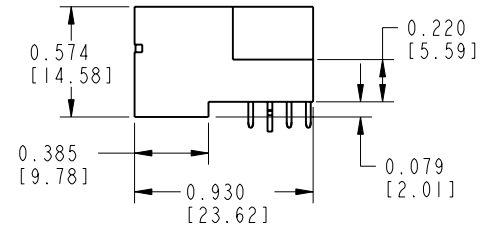
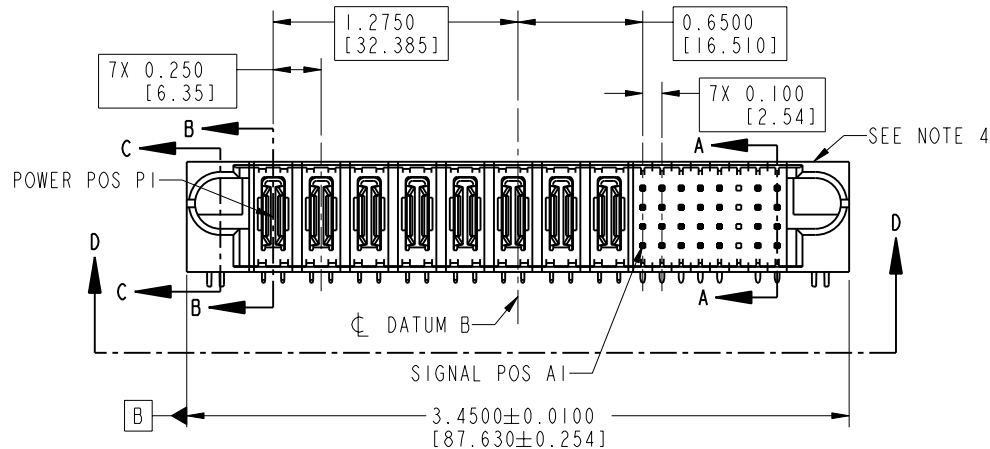
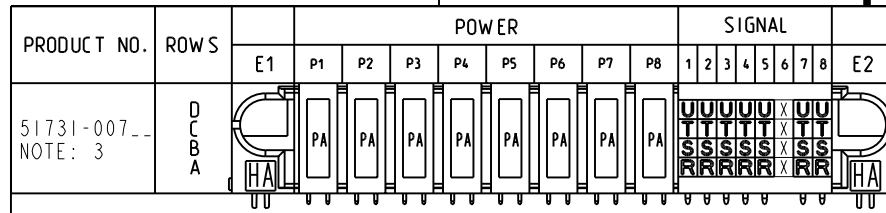


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FCI

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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				CUSTOMER COPY			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		INCH/MM	scale	1:1	
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						
				enrg	J. ALLISON 10/10/01						
				chr	J. ALLISON 10/10/01						
				appd	J. ALLISON 10/10/01						
sheet index	revision sheet	B 1	B 2	B 3	B 4						

CUSTOMER COPY				FCI				www.fciconnect.com			
title	8P + 32S	product family	PwrBlade	code	213	sheet	1 OF 4	size	dwg no	51731-007	
scale	1:1	product family	PwrBlade	code	213	sheet	1 OF 4	size	dwg no	51731-007	

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Oct 08, 2006

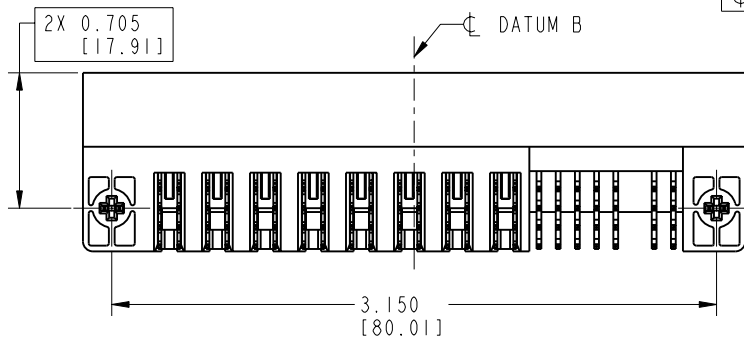
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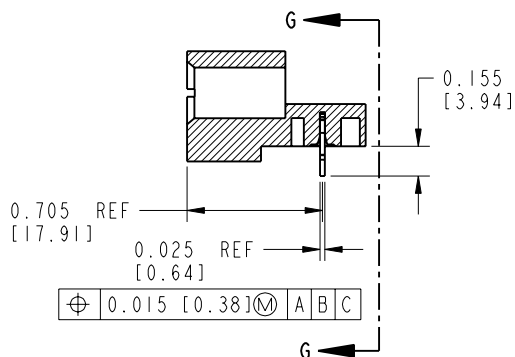
PRODUCT NUMBER

51731-007__

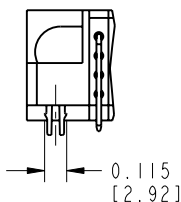
NOTE: 3



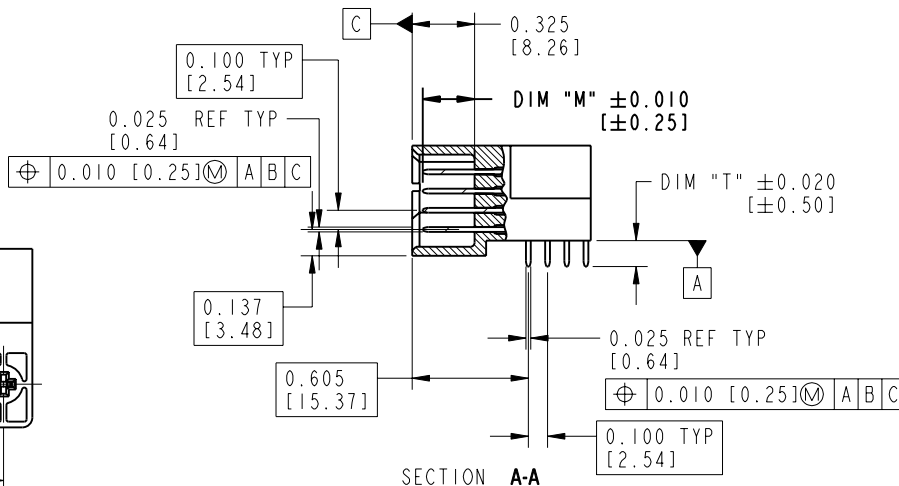
VIEW D-D



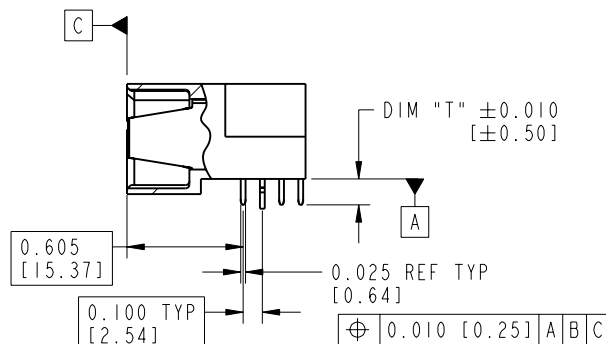
SECTION C-C



VIEW G-G



SECTION A-A



SECTION B-B

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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date	linear	projection	COPY		www.fciconnect.com		title	
B				.XX±.01/0.X±0.3	projection	INCH/MM		8P + 32S		RIGHT ANGLE SOLDER HEADER	
				.XXX±.005/0.XX±0.13	scale	1:1		product family		PwrBlade	
				.XXX±.0005/0.XXX±0.013				size		dwg no	
				0°±2°				A		51731-007	
				dr	J. SHAFFER	10/10/01		code		213	
				enrg	J. ALLISON	10/10/01		sheet		2	
				chr	J. ALLISON	10/10/01					
				appd	J. ALLISON	10/10/01					
sheet index	revision sheet							cage code		22526	

Pro/E

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:

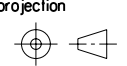
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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	COPY	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	product family		PwrBlade	code		
				dr	J. SHAFFER			10/10/01	size	dwg no	A	51731-007	213
				enrg	J. ALLISON			10/10/01					
				chr	J. ALLISON	10/10/01							
				appd	J. ALLISON	10/10/01	scale	1:1		sheet	4		
sheet index	revision	sheet											