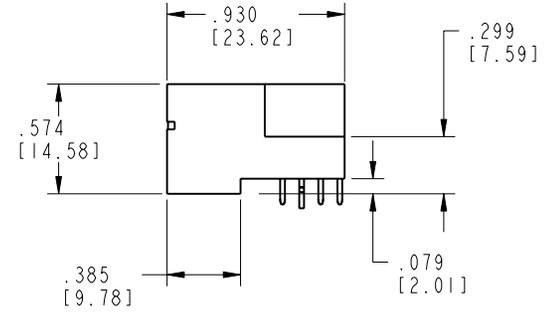
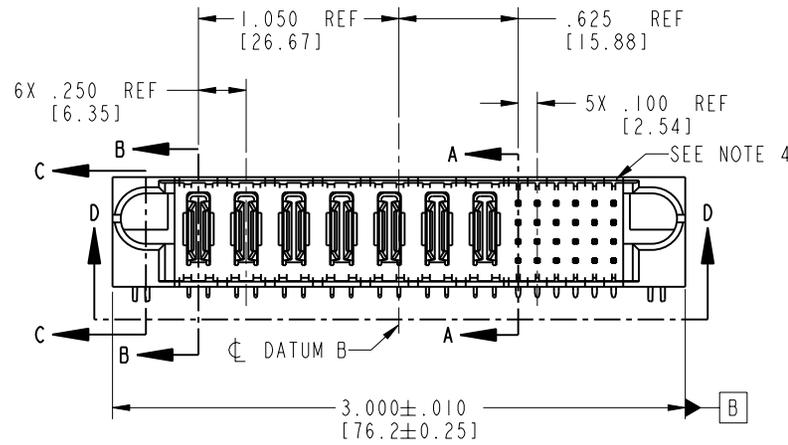
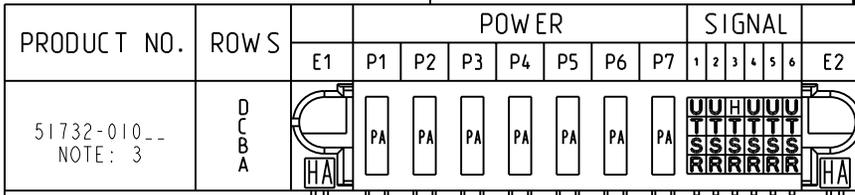


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2						COPY	
ltr	ecn no.	dr	date	linear	.XX±.01/0.XX±0.3	projection	
A	V20335	JWS	02-15-02		.XXX±.005/0.XX±0.13	INCH/MM	
B	V21302	CGD	08-08-02	angles	.XXX±.0020/0.XXX±0.051	scale	
C	DG05-0554	GuoJM	12/19/05		0°±2°	1:1	
dr	J. SHAFFER	02-15-02					
engr	J. ALLISON	02-15-02					
chr	J. ALLISON	02-15-02					
appd	J. ALLISON	02-15-02					
sheet index	revision sheet	C	C	C	C		
		1	2	3	4		

product family		code	
PwrBlade		213	
size	dwg no	sheet	of 4
A	51732-010	1	4

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

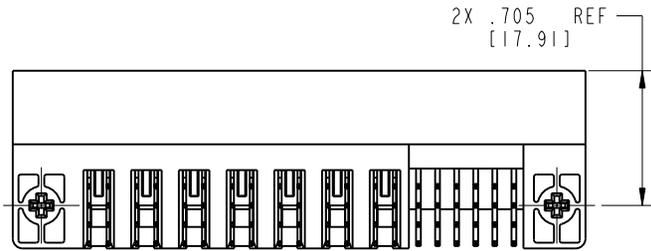
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FCI

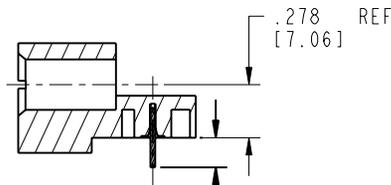
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PRODUCT NUMBER

51732-010__
NOTE: 3

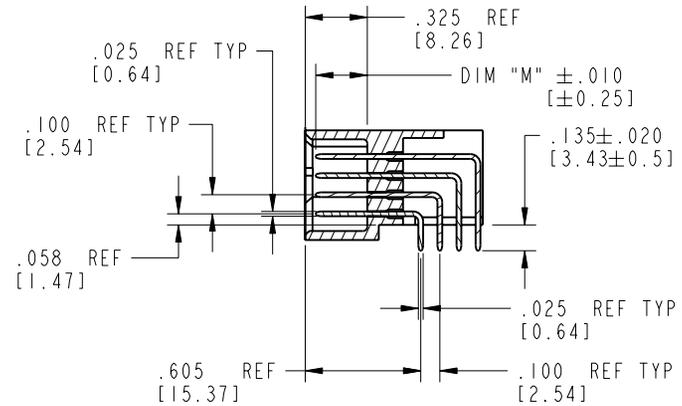


VIEW D-D

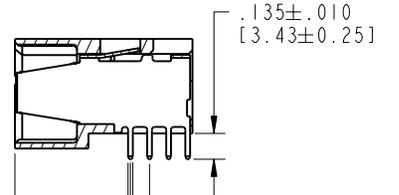


SECTION C-C

.155 [3.94]



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection	title	
C					.XXX±.005/0.XX±0.13		INCH/MM			7P + 24S	
					.XXX±.0020/0.XXX±0.051		scale			RIGHT ANGLE SOLDER HEADER	
				angles	0° ± 2°		1:1		product family		
				dr	J. SHAFFER	02-15-02			PwrBlade		code
				enqr	J. ALLISON	02-15-02			size		213
				chr	J. ALLISON	02-15-02			dwg no		sheet
				appd	J. ALLISON	02-15-02			A 51732-010		2 of 4
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

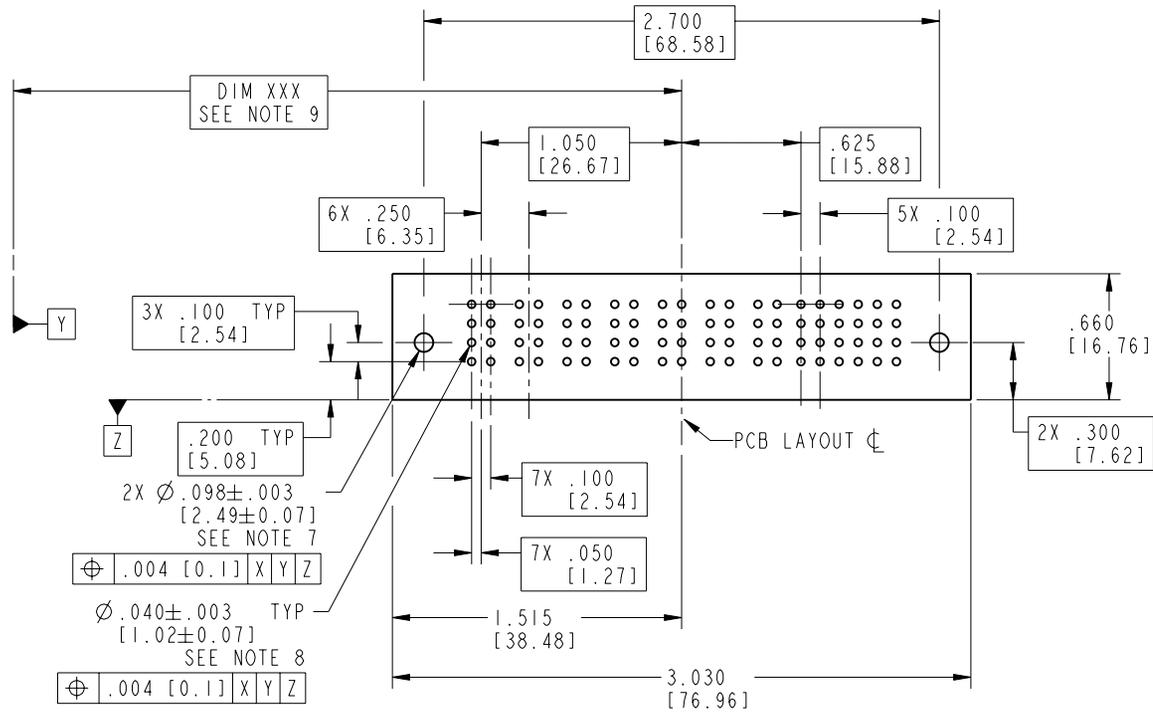
Printed: Dec 20, 2010

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PRODUCT NUMBER
51732-010--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
C					.XXX±.005/0.XX±0.13	projection		7P + 24S	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 02-15-02	INCH/MM		product family	
				enrg	J. ALLISON 02-15-02			PwrBlade	
				chr	J. ALLISON 02-15-02	scale		code	
				appd	J. ALLISON 02-15-02	1:1		213	
sheet index		revision sheet						product size	
								dwg no	
								A 51732-010	
								sheet 3 of 4	

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

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PRODUCT NUMBER

51732-010__
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:

51732-010 Signal 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.

51732-010LF Signal 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 51732-010LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER 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.

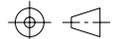
PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. Ø.0453±0.0010 [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 Ø.040±.003 [1.02±.07] HOLE.

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

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
C				projection	.XXX±.005/0.XX±0.13			title	
				angles	.XXX±.0020/0.XXX±0.051			7P + 24S	
				dr	0° ± 2°	INCH/MM		RIGHT ANGLE SOLDER HEADER	
				enr	J. SHAFFER 02-15-02	product family		PwrBlade	
				chr	J. ALLISON 02-15-02	size		code	
				appd	J. ALLISON 02-15-02	dwg no		213	
sheet index		revision sheet		scale		A		51732-010	
				1:1				4 of 4	

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[51952-202LF](#) [51939-597LF](#)