

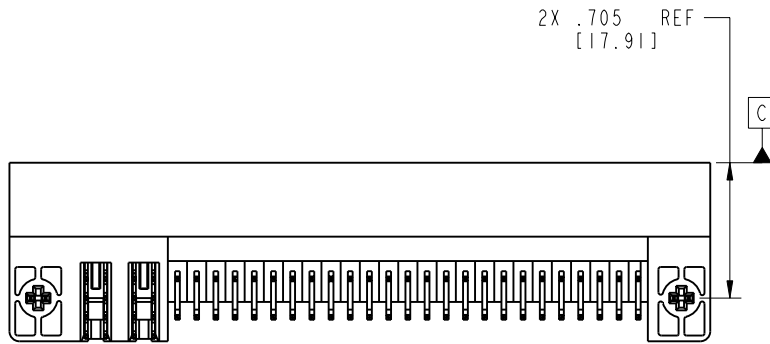


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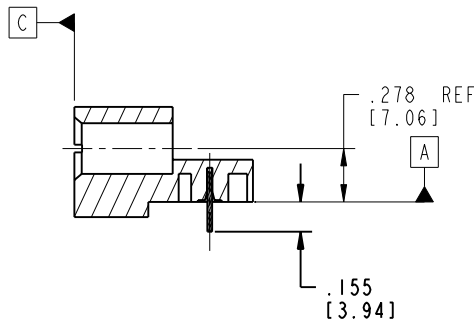
FCI

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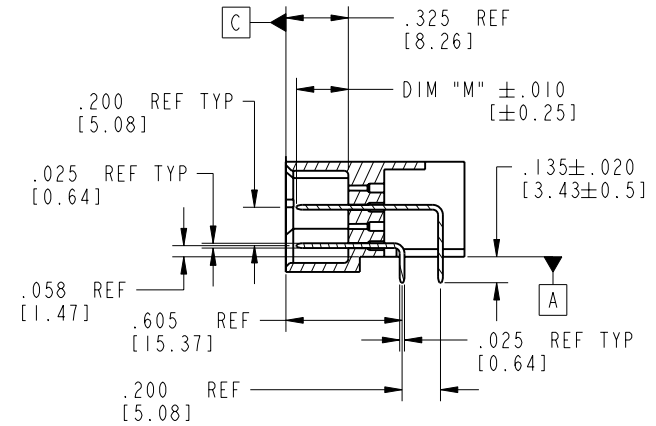
PRODUCT NUMBER
51732-009--
NOTE: 3



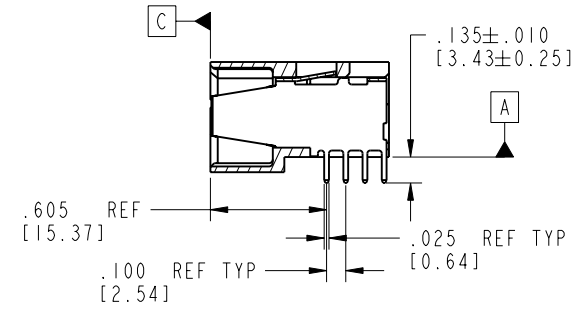
SECTION D-D



SECTION C-C



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecr no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		title	2P + 100S	product family	PwrBlade
B							.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE HEADER w/GUIDE PIN		code	213
						angles	.XXX±.0020/0.XXX±0.051					size	dwg no
							0°±2°					A	51732-009
						dr	D. INGRAM 12-13-01	INCH/MM				sheet	2 of 4
						enr	M. MOSTOLLER 12-13-01	scale	1:1				
						chr	M. MOSTOLLER 12-13-01						
						appd	M. MOSTOLLER 12-13-01						
sheet index	revision sheet												

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

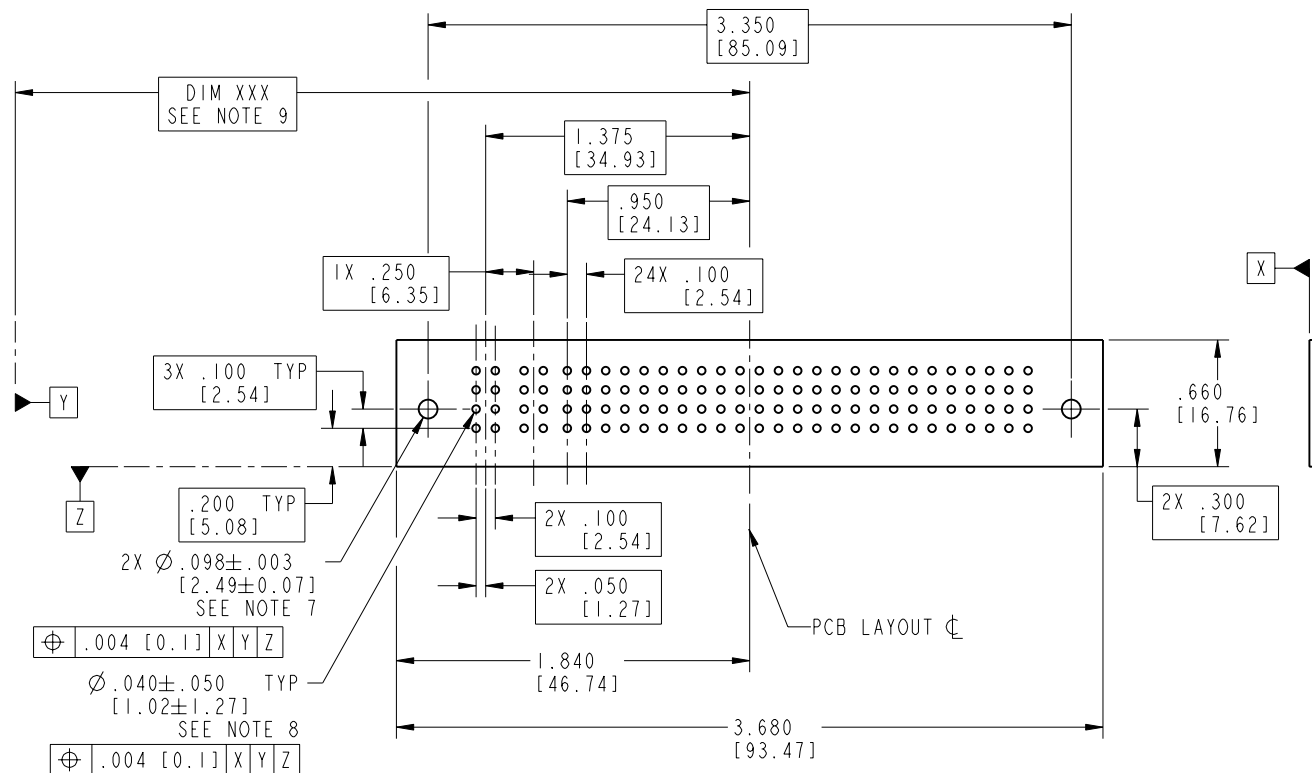
Printed: Oct 08, 2006

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PRODUCT NUMBER
51732-009--
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 .XXX±.005/0.XX±0.13 .XXX±.0020/0.XX±0.051	COPY	projection		
B				angles	0°±2°			title	2P + 100S RIGHT ANGLE HEADER w/GUIDE PIN
				dr	D. INGRAM 12-13-01	INCH/MM		product family	PwrBlade
				engr	M. MOSTOLLER 12-13-01	scale		size	dwg no
				chr	M. MOSTOLLER 12-13-01	1:1		A	51732-009
				appd	M. MOSTOLLER 12-13-01				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:B

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PRODUCT NUMBER

51732-009__
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:

51732-009 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.

51732-009LF 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 51732-009LF 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.

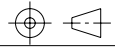
PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.

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

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				
B					.XXX $\pm$.005 / 0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051		INCH/MM				
				angles	0° $\pm$ 2°		scale		1:1		
				dr	D. INGRAM	12-13-01	INCH/MM		product family		PwrBlade
				enrg	M. MOSTOLLER	12-13-01	size		dwg no		213
				chr	M. MOSTOLLER	12-13-01	A		51732-009		sheet
				appd	M. MOSTOLLER	12-13-01					4 of 4
sheet index		revision sheet									