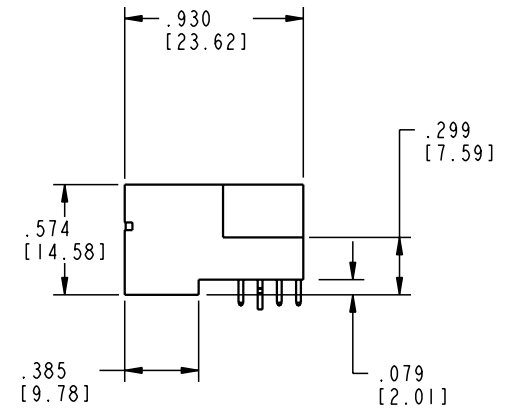
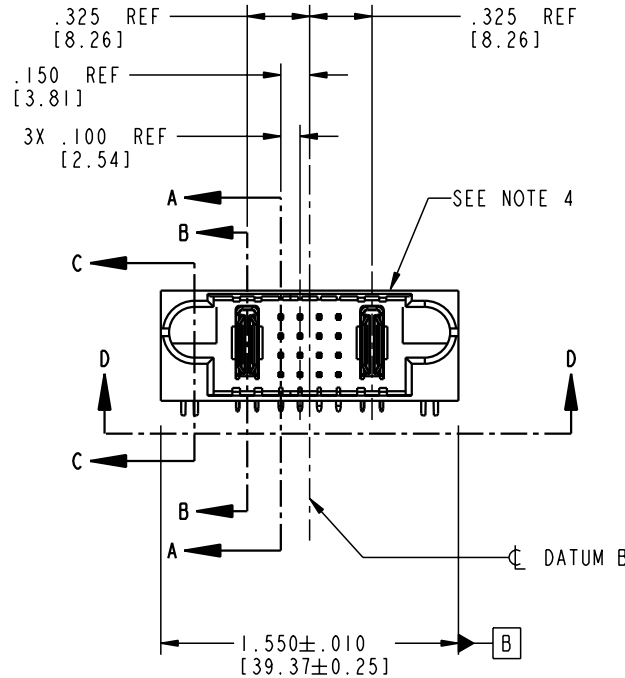


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FCI

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PRODUCT NO.	ROWS	1 2									
		E1	P1	1	2	3	4	P2	E2		
51720-10101601AA	D C B A	HA	PA	UUUU	TTTT	SSSS	RRRR	PA	HA		



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
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				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		projection 	COPY	title IP + 16S + IP RIGHT ANGLE SOLDER HEADER	product family PwrBlade
A	V11162	JWS	02-06-01			.XXX±.005/0.XX±0.13					
B	V12844	DAI	12-27-01			.XXXX±.0020/0.XXX±0.051					
C	V21139	CGD	07/16/02	angles		0°±2°		 INCH/MM scale 1:1	A	size 51720-10101601AA	code 213
				dr	J. SHAFFER	04-06-01					
				enrg	J. ALLISON	04-06-01					
				chr	J. ALLISON	04-06-01		sheet 1 of 4			
				appd	J. ALLISON	04-06-01					
sheet index	revision sheet	C 1	C 2	C 3	C 4						

Pro/E

3

cage code 22526

4

PDM: Rev:C

STATUS: Released

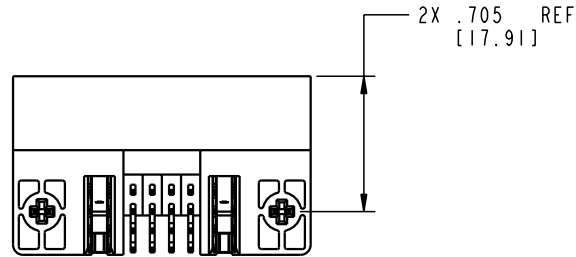
Printed: Aug 12, 2007

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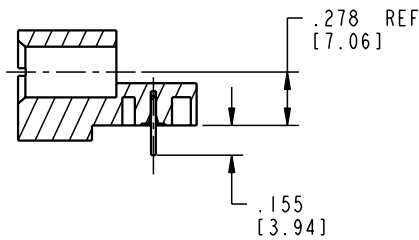
FCI

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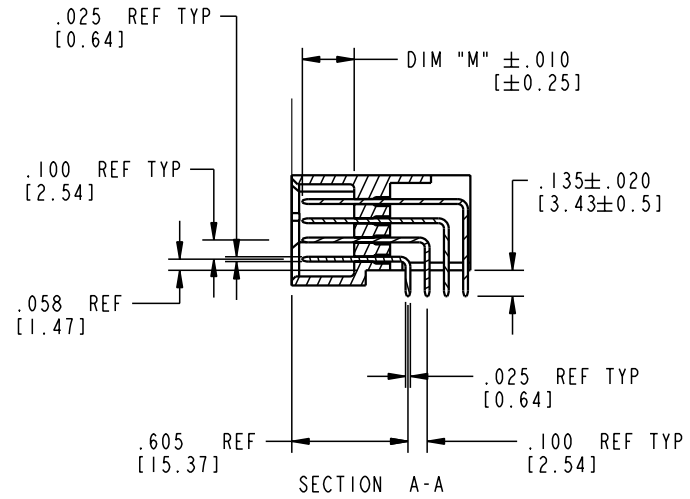
PRODUCT NUMBER
51720-10101601AA



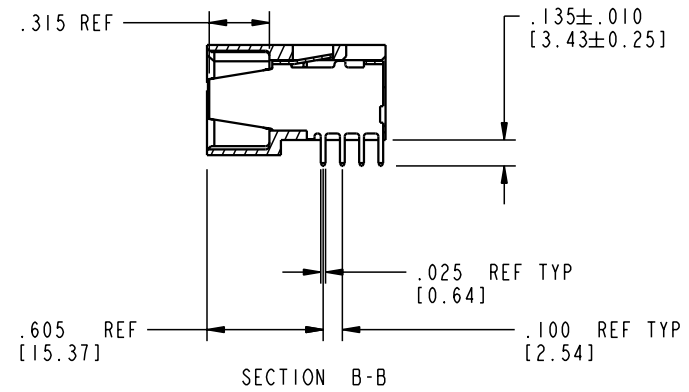
SECTION D-D



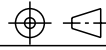
SECTION C-C



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date					COPY			
C				linear		.XX±.01/0.X±0.3		projection		title IP + 16S + IP	
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
				angles		.XXX±.0020/0.XXX±0.051		INCH/MM		product family PwrBlade	
				dr	J. SHAFFER	04-06-01		scale		code 213	
				enrg	J. ALLISON	04-06-01				size 2 of 4	
				chr	J. ALLISON	04-06-01				sheet 2 of 4	
				appd	J. ALLISON	04-06-01				A 51720-10101601AA	
sheet index	revision sheet										

Pro/E

3

cage code 22526

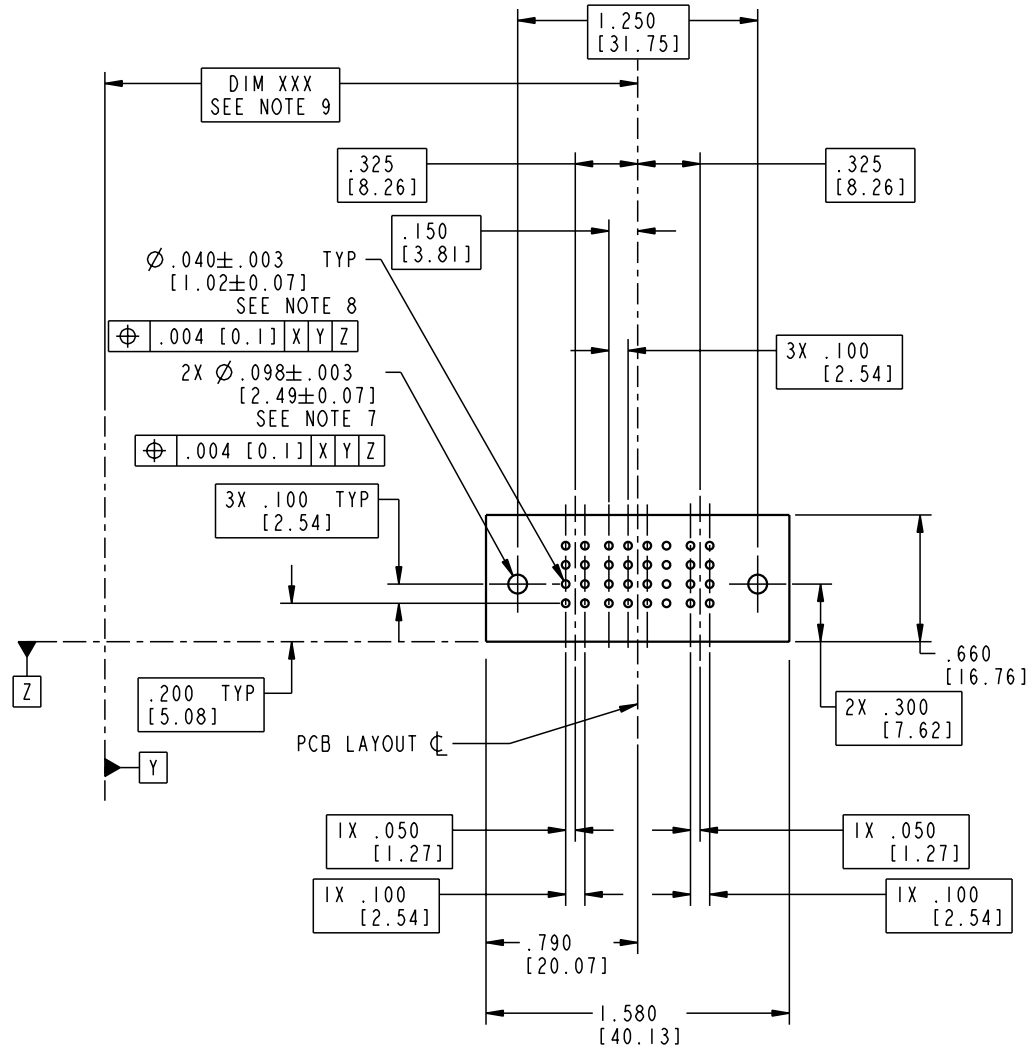
4

PDM: Rev:C

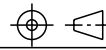
STATUS: Released

Printed: Aug 12, 2007

PRODUCT NUMBER
51720-10101601AA



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title IP + 16S + IP RIGHT ANGLE SOLDER HEADER		
C					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°		INCH/MM ←→ scale 1:1		product family		code
				dr	J. SHAFFER	04-06-01			PwrBlade		213
				enrg	J. ALLISON	04-06-01			size		sheet
				chr	J. ALLISON	04-06-01			A 51720-10101601AA		3 of 4
				appd	J. ALLISON	04-06-01					
sheet index		revision sheet									

Pro/E

cage code 22526

PRODUCT NUMBER
51720-10101601AA

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:

SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL
WITH 30u"/0.76um Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE

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 $\varnothing .0453 \pm .0010$ [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.

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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com				
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3				COPY				title IP + 16S + IP RIGHT ANGLE SOLDER HEADER							
C					.XXX±.005/0.XX±0.13				projection											
					.XXXX±.0020/0.XXX±0.051				INCH/MM											
				angles	0° ± 2°				scale				product family PwrBlade				code 213			
				dr	J. SHAFFER	04-06-01			1:1				size				sheet			
				enrg	J. ALLISON	04-06-01							A				4 of 4			
				chr	J. ALLISON	04-06-01														
				appd	J. ALLISON	04-06-01														
sheet index		revision sheet																		