

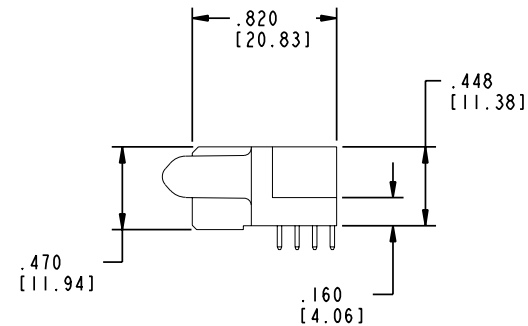
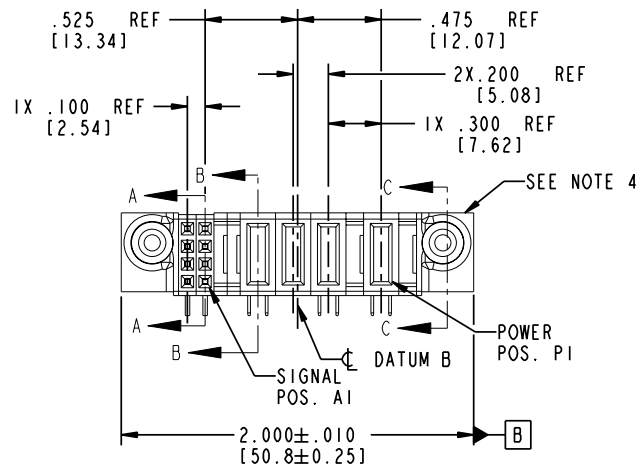
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FCI

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B

PRODUCT NO.	ROWS	SIGNAL				POWER			
		E2	2	1	P4	P3	P2	P1	E1
51915-073-- Note: ③	D C B A		H	H	PA	X	PC	PC	
			G	G					
			F	F					
			E	E					



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
H	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
E	N/A [N/A]	SIGNAL
PC	.092 [2.34]	POWER

mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2				linear		COPY	
ltr	ecn no.	dr	date	.XX±.01/0.X±0.3		projection	
A	DG05-0109	GuoJM	05/12/05	.XXX±.005/0.XX±0.13		title	
				.XXX±.002/0.XX±0.051		R/A SOLDER RECEPTACLE	
				angles		product family	
				0°±2°		PwrBlade	
				dr		size	
				JM Guo		dwg no	
				engr		51915-073	
				chr		sheet	
				VICTOR LIN		1 of 4	
				appd		cage code	
				JOSEPH HSIA		22526	
sheet index	revision	A	A	A	A		
	sheet	1	2	3	4		

Pro/E

PDM: Rev:A

STATUS: Released

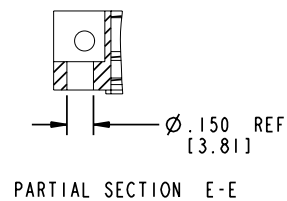
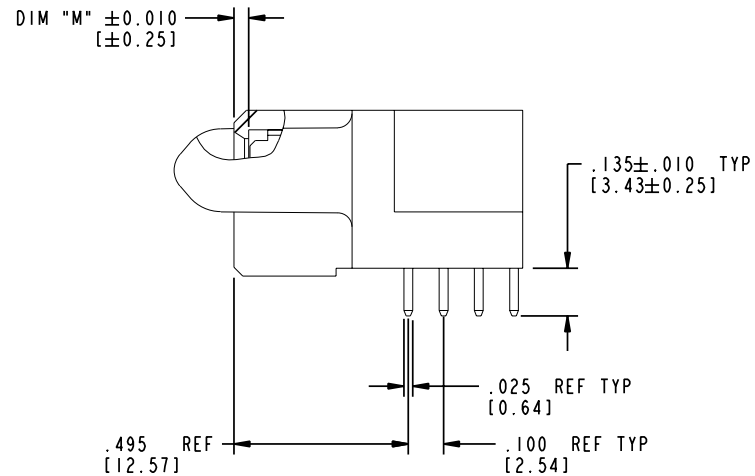
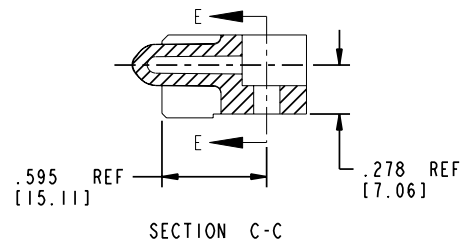
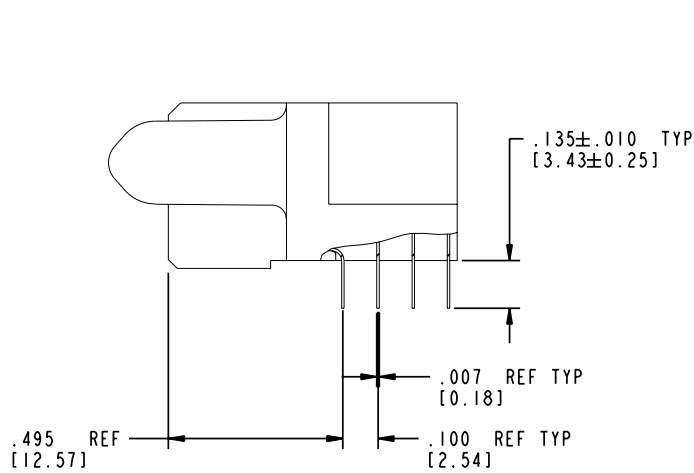
Printed: Dec 20, 2010

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PRODUCT NUMBER
51915-073..
Note: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY	projection	title	4P+8S
A					.XXX±.005/0.XX±0.13			R/A SOLDER RECEPTACLE	
				angles	XXX±.0020/0.XX±0.051			product family	PwrBlade
				dr	JM Goo 05/12/05	INCH/MM		size	213
				enr	STEVEN 05/12/05	scale		dwg no	51915-073
				chr	VICTOR LIN 05/12/05	1:1		sheet	2 of 4
				appd	JOSEPH HSIA 05/12/05				
sheet index	revision sheet							cage code	22526

Pro/E

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

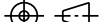
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AFI

Technical drawing of a PCB layout showing dimensions and tolerances. The drawing includes various callouts for dimensions, tolerances, and material specifications.

Key dimensions and tolerances shown:

- $\phi .158 \pm .003$ [4.01 $\pm$ 0.07] SEE NOTE 8
- $\phi .004$ [0.1] X Y Z
- $\phi .040 \pm .003$ [1.02 $\pm$ 0.07]
- $\phi .004$ [0.1] X Y Z
- 2.030 SEE NOTE 11 [51.56]
- 1.015 SEE NOTE 11 [25.78]
- .525 [13.34]
- .300 REF [7.62]
- 1X .100 [2.54]
- .475 [12.07]
- .225 [5.72]
- 1X .300 [7.62]
- 3X .100 TYP [2.54]
- .150 TYP [3.81]
- .100 TYP [2.54]
- .050 TYP [1.27]
- .850 [21.59]
- .375 REF [9.53]
- 1.700 [43.18]
- .610 [15.49] SEE NOTE 11
- 2X .250 [6.35]
- PCB LAYOUT AND DATUM B ϕ
- PCB EDGE
- SEE NOTE 11 3 SIDES
- DIM XXX SEE NOTE 10

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com									
ltr		ecn no.		dr		date		linear		.XX±.01/0.XX±0.3		COPY		projection		title									
A										.XXX±.005/0.XX±0.13						4P+8S									
								angles		.XXX±.0020/0.XX±0.051		INCH/MM		product family		R/A SOLDER RECEPTACLE									
										0°±2°				PwrBlade		code									
								dr		JM Guo 05/12/05		scale		size		dwg no									
								engr		STEVEN 05/12/05				A		51915-073									
								chr		VICTOR LIN 05/12/05						213									
								appd		JOSEPH HSIA 05/12/05						sheet									
																3 of									
sheet index		revision																							
		sheet																							
Pro/E								3								cage code 22526								4	

Pro/E

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-073_-
Note: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- ②. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:
51915-073 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.

51915-073LF 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 51915-073LF 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'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.
5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- ⑨. $\varnothing .0453 \pm .0010$ [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.
- ⑩. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- ⑪. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
ltr	ecr no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$			COPY				projection				title				
A					$.XXX \pm .005/0.XX \pm 0.13$											4P+8S				
				angles	$0^\circ \pm 2^\circ$											R/A SOLDER RECEPTACLE				
				dr	JM Goo	05/12/05			INCH/MM				product family				PwrBlade			
				enr	STEVEN	05/12/05			scale				size				dwg no			
				chr	VICTOR LIN	05/12/05			1:1				A				51915-073			
				appd	JOSEPH HSIA	05/12/05											code			
sheet index		revision																213		
		sheet																sheet		
																		4 of 4		