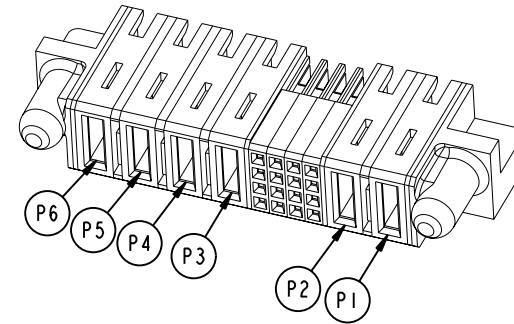
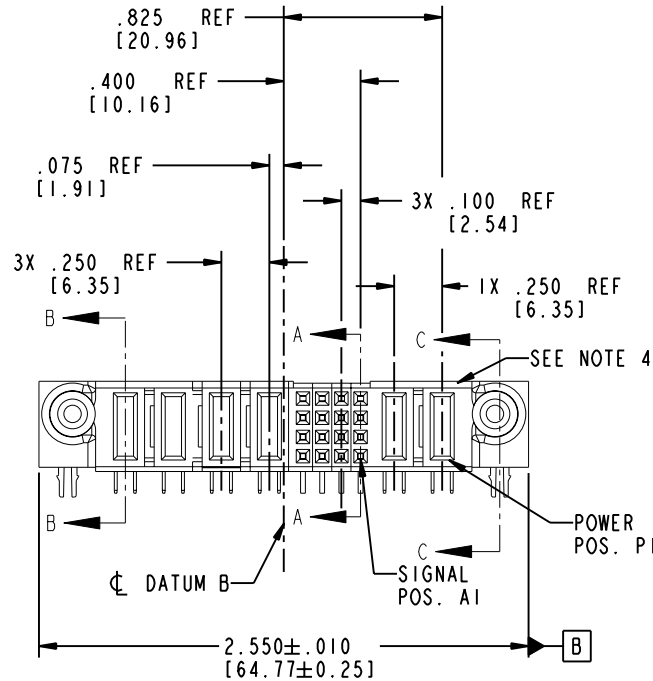


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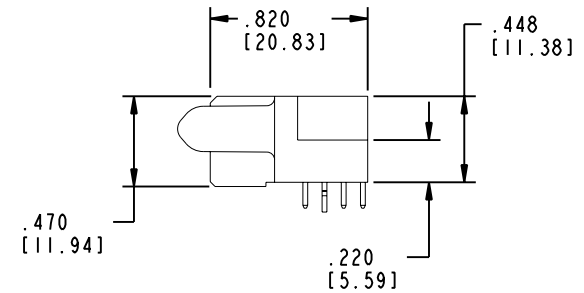
FCI

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PRODUCT NO.	ROWS	POWER					SGN				POWER		E1
		E2	P6	P5	P4	P3	4	3	2	1	P2	P1	
51770-022-- NOTE ③	DCBA		PC	PC	PA	PA	H	H	H	H	PA	PC	



TOP SIDE VIEW



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
HA	N/A [N/A]	HOLD-DOWN
PC	.092 [2.34]	POWER

material code				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	INCH/MM	COPY		title		2P + 16S + 4P	
A	DG05-0196	SW	06/28/05	linear	.XXX±.005/0.XX±0.13	projection	INCH/MM	R/A SOLDER RECEPTACLE		product family		PwrBlade	
B	DG05-0222	SW	07/14/05	angles	.XXXX±.0020/0.XXX±0.051	projection	INCH/MM	scale		size		dwg no	
				dr	STEVEN WANG 06/28/05	projection	INCH/MM	1:1		A		51770-022	
				enr	STEVEN WANG 07/04/05	projection	INCH/MM						
				chr	VICTOR LIN 06/28/05	projection	INCH/MM						
				appd	JOSEPH HSIA 06/28/05	projection	INCH/MM						
sheet index	revision sheet	B 1	B 2	B 3	B 4								

Pro/E

3

cage code 22526

4

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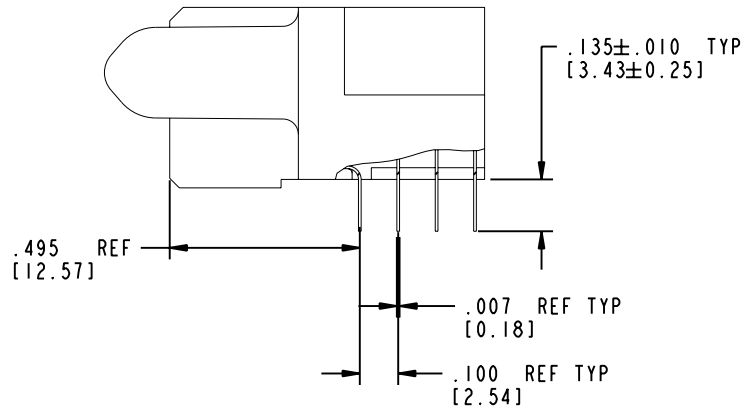
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A FCI

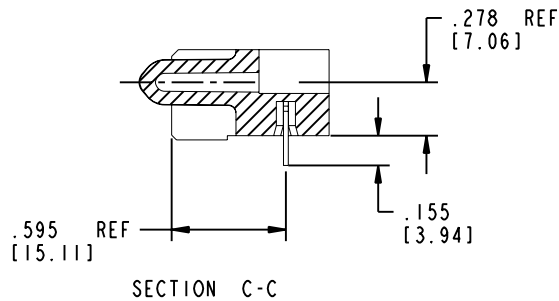
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A

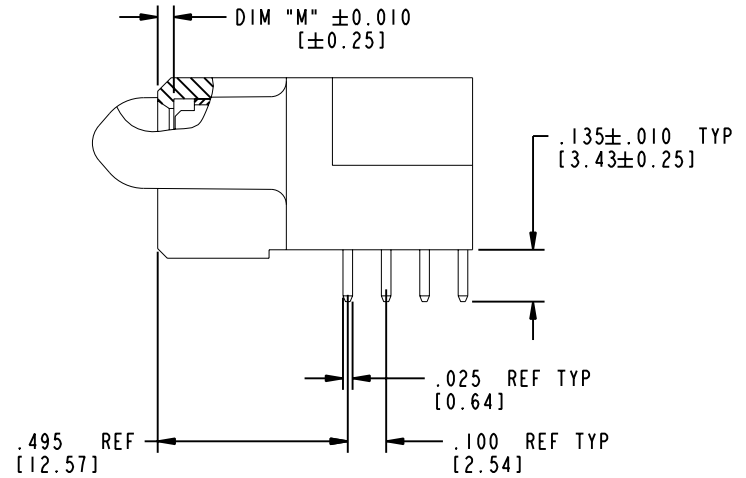
PRODUCT NUMBER
51770-022
NOTE ③



BROKEN-OUT SECTION A-A
SCALE 2:1

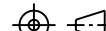


SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

A

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 2P + 16S + 4P R/A SOLDER RECEPTACLE			
B									.XXX±.005/0.XX±0.13											
									.XXXX±.0020/0.XXX±0.051											
								angles	0° ± 2°				 product family PwrBlade				code			
				dr		STEVEN WANG 06/28/05		INCH/MM				size		dwg no		213				
				enrg		STEVEN WANG 07/04/05						A		51770-022		sheet				
				chr		VICTOR LIN 06/28/05		scale								2 of 4				
				appd		JOSEPH HSIA 06/28/05														
sheet index		revision sheet																		

B

Pro/E

3

cage code
22526

4

PDM: Rev:B

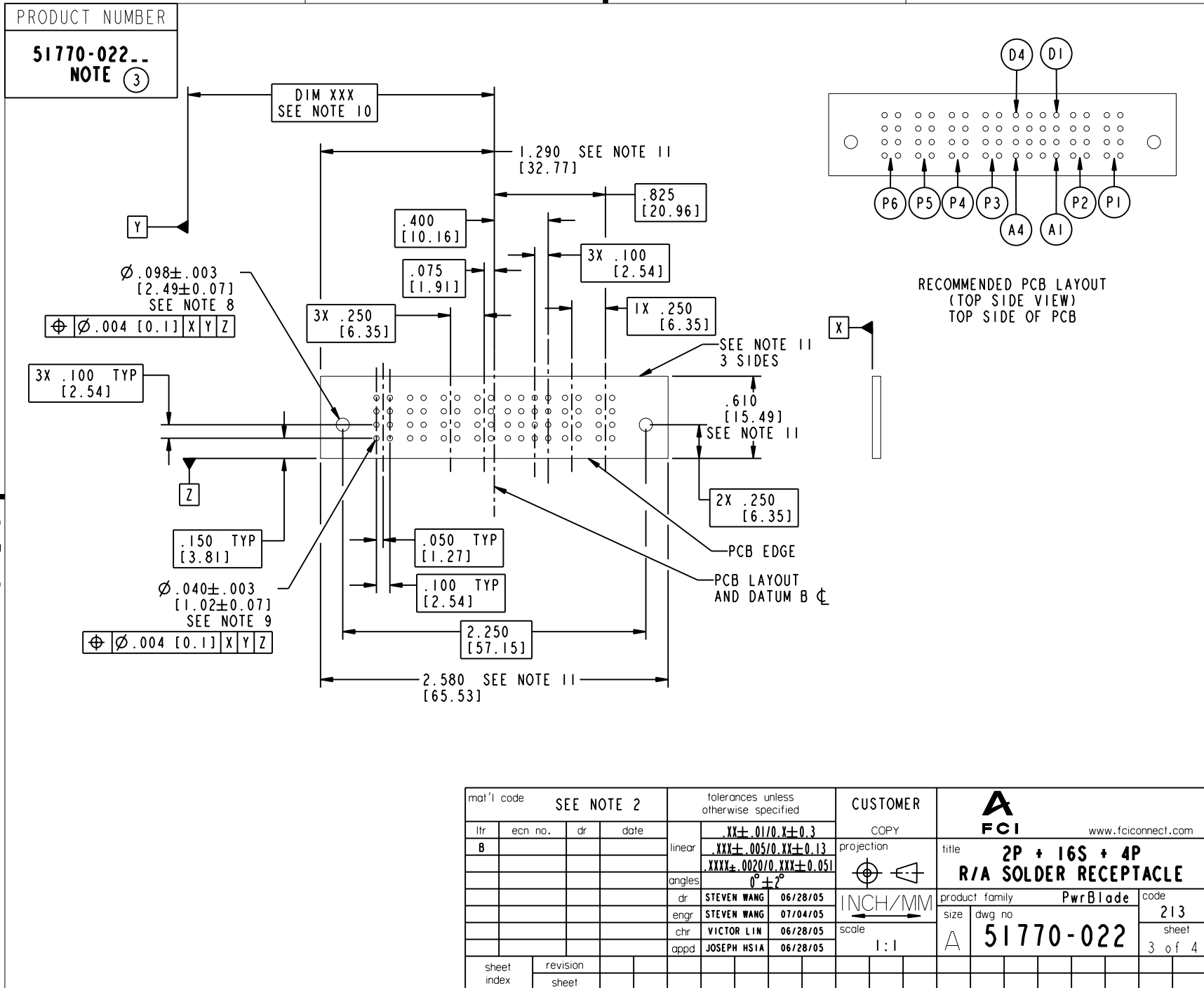
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51770-022
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:

51770-022: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51770-022LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE WHOLE AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

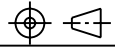
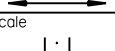
PART NUMBER 51770-022LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIBED IN GS-22-008.

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	ecn no.	dr	date	linear		.XX ± .01/0.X ± 0.3		COPY		title	
B						.XXX ± .005/0.XX ± 0.13		projection		2P + 16S + 4P	
				angles		.XXX ± .0020/0.XXX ± 0.051				R/A SOLDER RECEPTACLE	
				dr	STEVEN WANG	06/28/05	INCH/MM		product family		code
				enr	STEVEN WANG	07/04/05			PwrBlade		213
				chr	VICTOR LIN	06/28/05	scale		size		sheet
				appd	JOSEPH HSIA	06/28/05	1:1		51770-022		4 of 4
sheet index		revision sheet									

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cage code **22526**

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