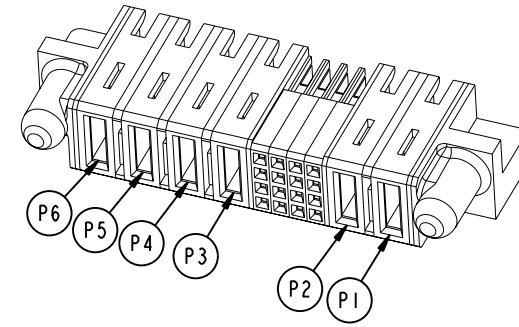
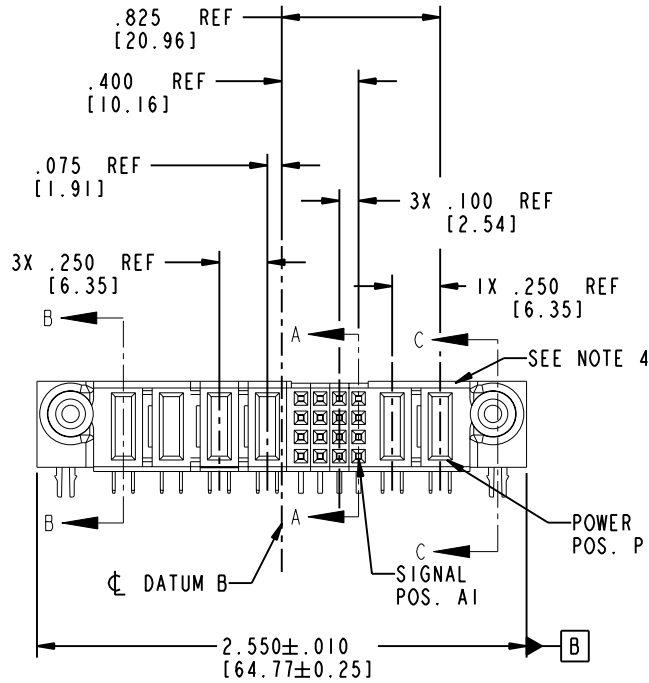
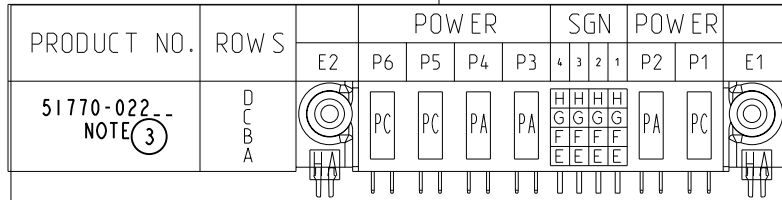


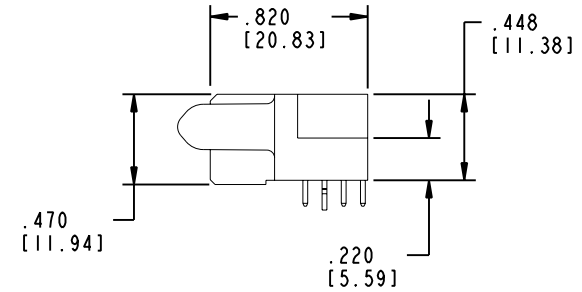
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TOP SIDE VIEW



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

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		 projection
A	DG05-0196	SW	06/28/05		.XXX ± .005 / 0.XX ± 0.13		 INCH/MM		
B	DG05-0222	SW	07/14/05		.XXX ± .0020 / 0.XX ± 0.051		product family PwrBlade code 213 size dwg no 51770-022 sheet 1 of 4		
				angles	0° ± 2°		scale 1:1		
				dr	STEVEN WANG	06/28/05			
				engr	STEVEN WANG	07/04/05			
				chr	VICTOR LIN	06/28/05			
				appd	JOSEPH HSIA	06/28/05			
sheet index	revision sheet	B 1	B 2	B 3	B 4			cage code 22526	4

Pro/E

PDM: Rev:B

STATUS: Released

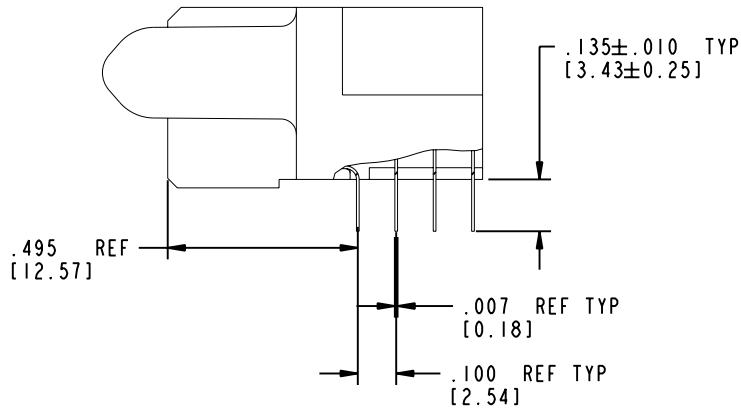
Printed: Dec 20, 2010

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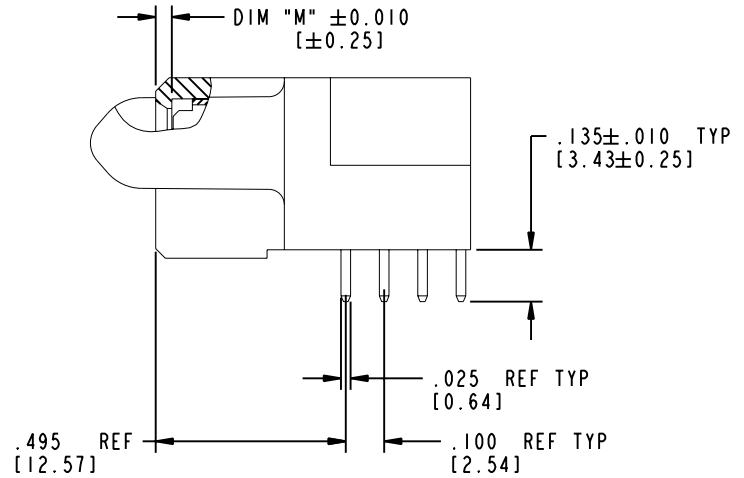
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PRODUCT NUMBER

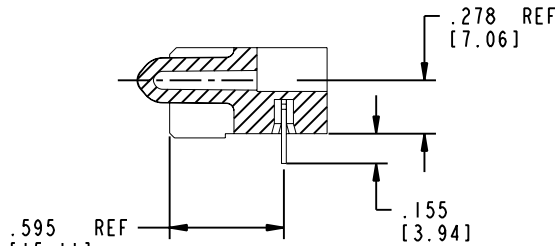
51770-022--  
NOTE ③




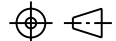

BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 <b>FCI</b> www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		title	
B				angles	.XXX±.005/0.XX±0.13					2P + 16S + 4P	
				dr	.XXX±.0020/0.XX±0.051					R/A SOLDER RECEPTACLE	
				enr	0° ± 2°	INCH/MM		product family		code	
				chr	STEVEN WANG 06/28/05	scale		PwrBlade		213	
				appd	STEVEN WANG 07/04/05	1:1		size		sheet	
					VICTOR LIN 06/28/05			A		51770-022	
					JOSEPH HSIA 06/28/05					2 of 4	
sheet index	revision sheet										

Pro/E

cage code 22526

PDM: Rev:B

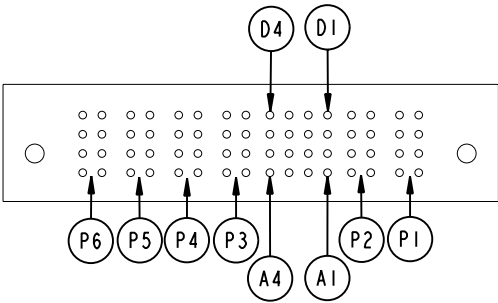
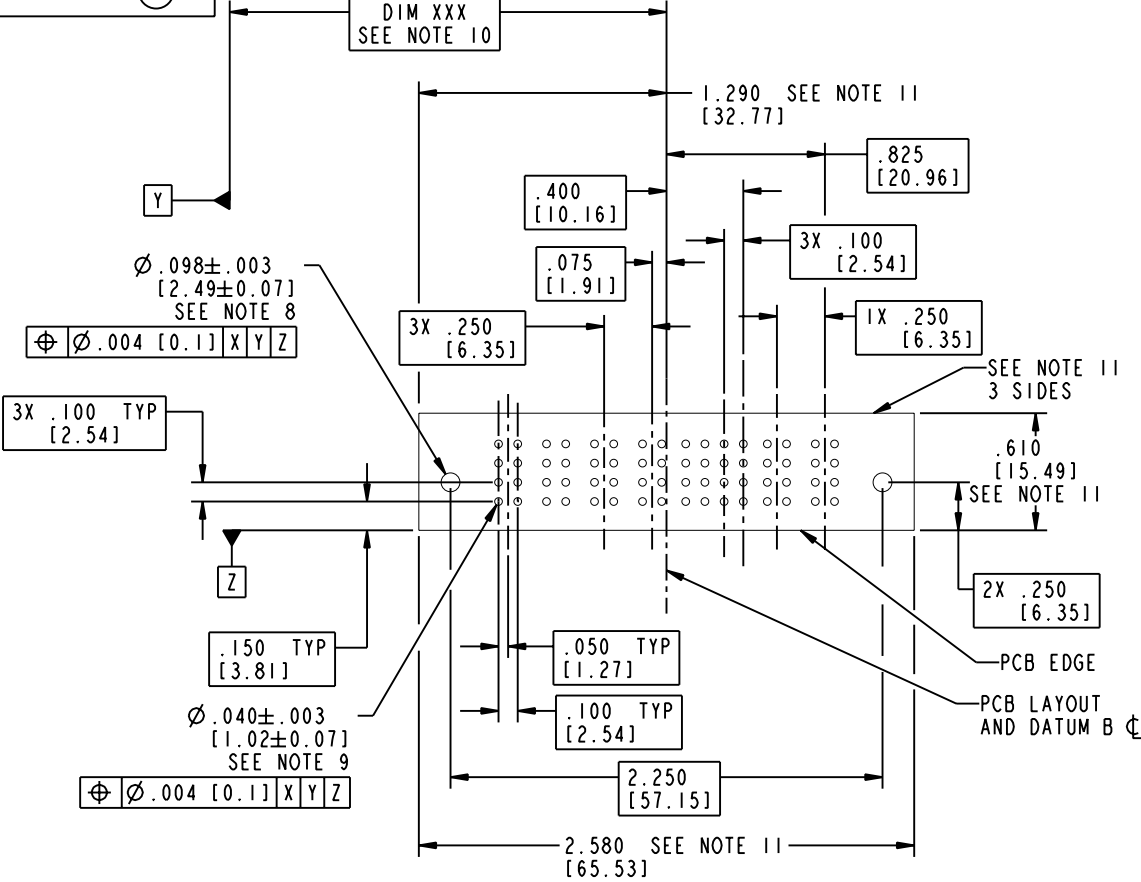
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER  
**51770-022...**  
 NOTE ③



RECOMMENDED PCB LAYOUT  
 (TOP SIDE VIEW)  
 TOP SIDE OF PCB



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				linear	.XXX±.005/0.XX±0.13	projection		2P + 16S + 4P	
				angles	.XXX±.0020/0.XX±0.051			R/A SOLDER RECEPTACLE	
				dr	STEVEN WANG 06/28/05	INCH/MM		product family	
				enr	STEVEN WANG 07/04/05	scale		PwrBlade	
				chr	VICTOR LIN 06/28/05	1:1		code	
				appd	JOSEPH HSIA 06/28/05			213	
sheet index		revision sheet						sheet	
								3 of 4	

cage code **22526**

Pro/E

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**A**  
**FCI**

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**B**

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


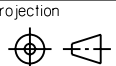

PART NUMBER 51770-022LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DECCRIBED IN GS-22-008.

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

Pro/E

cage code **22526**

**PDM: Rev:B**

STATUS: **Released**

Printed: Dec 20, 2010