

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)

[51770-011](#)

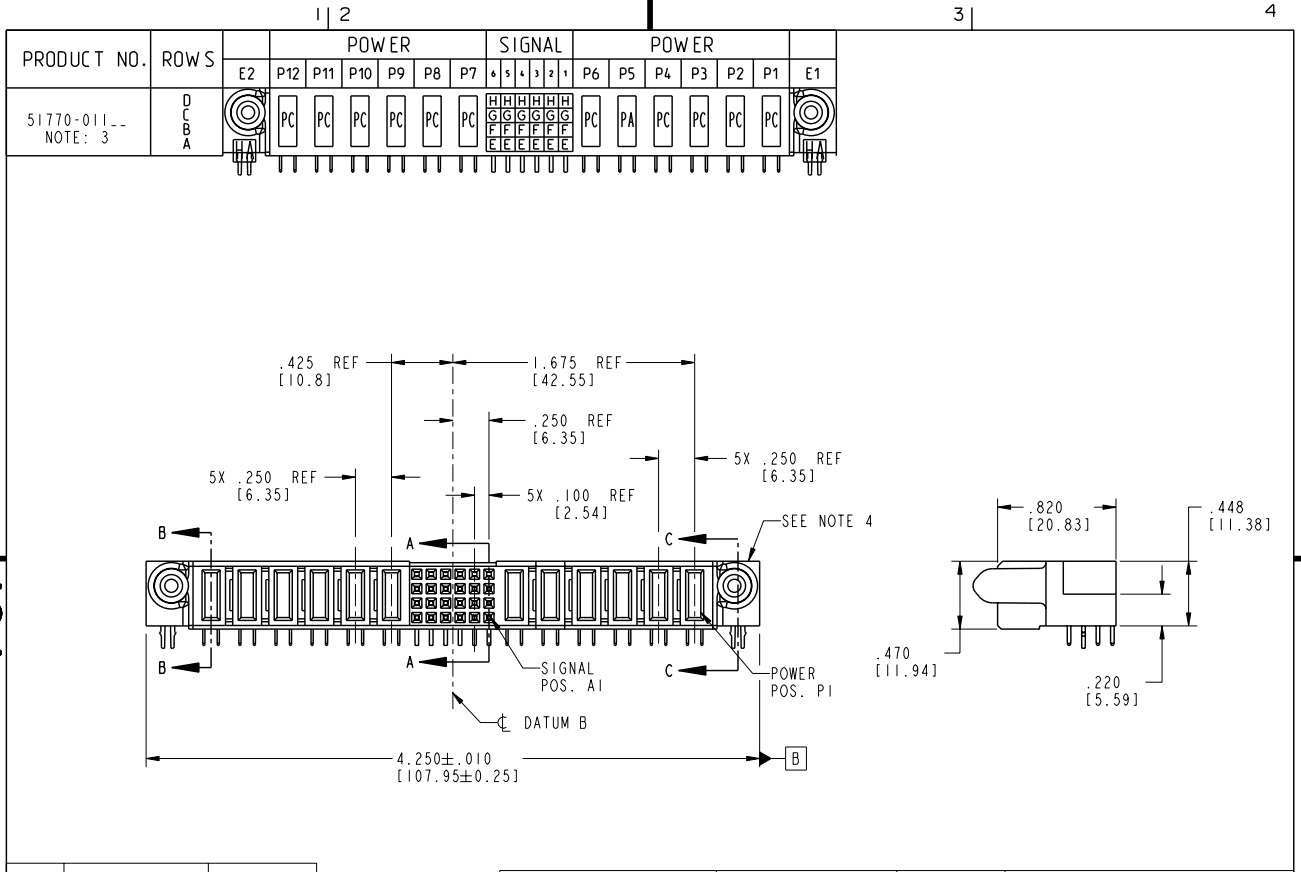
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	XX±.01/0, Y±0.3	COPY	www.fciconnect.com
A	V03-0408	TAB	04/14/03	linear	.XXX±.005/0, YY±0.13	projection	title 6P + 24S + 6P
B	V03-0641	MEM	6/3/03	angles	.XXXX±.0020/0, YY±0.051	INCH/MM	R/A SOLDER RECEPTACLE
C	D605-0530	GuaJM	12/08/05	dr	T. BRUNGARD 04/14/03	scale	product family PwrBlade
				engr	M. MOSTOLLER 04/14/03	size	code 213
				chr	M. MOSTOLLER 04/14/03	1:1	dwg no 51770-011
				appd	M. MOSTOLLER 04/14/03		sheet 1 of 4
sheet index	revision sheet	C	C	C	C		
		1	2	3	4		

Pro/E

cage code 22526

**PDM: Rev:C**

**STATUS: Released**

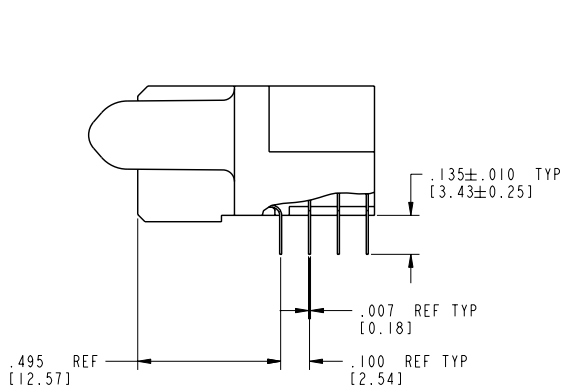
Printed: Dec 20, 2010

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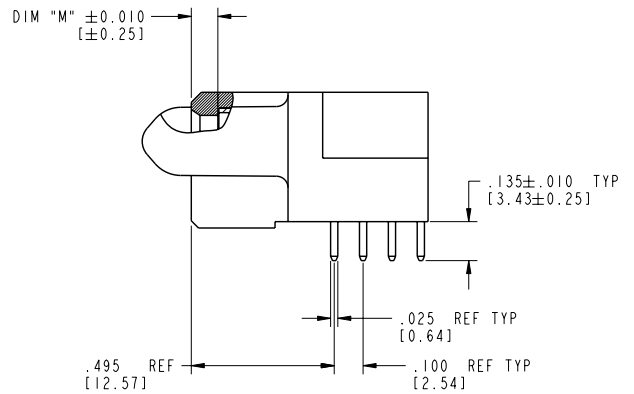
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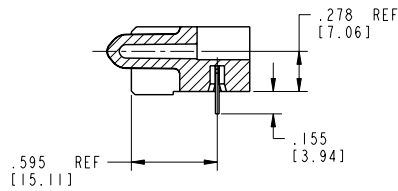
PRODUCT NUMBER  
51770-011--  
NOTE: 3



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	
lfr	ecn no.	dr	date	linear	XX±.01/0, Y±0.3	projection	COPY	title	6P + 24S + 6P		
C				linear	.XXX±.005/0, YY±0.13	INCH/MM		R/A SOLDER RECEPTACLE	product family	PwrBlade	code
				angles	XXXX±.0020/0, YY±0.051	scale			size	dwg no	213
				dr	T. BRUNGARD 04/14/03	1:1			A	51770-011	sheet
				eng	M. MOSTOLLER 04/14/03						2 of 4
				chr	M. MOSTOLLER 04/14/03						
				appd	M. MOSTOLLER 04/14/03						
sheet index	revision sheet										

Pro/E

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**PDM: Rev:C**

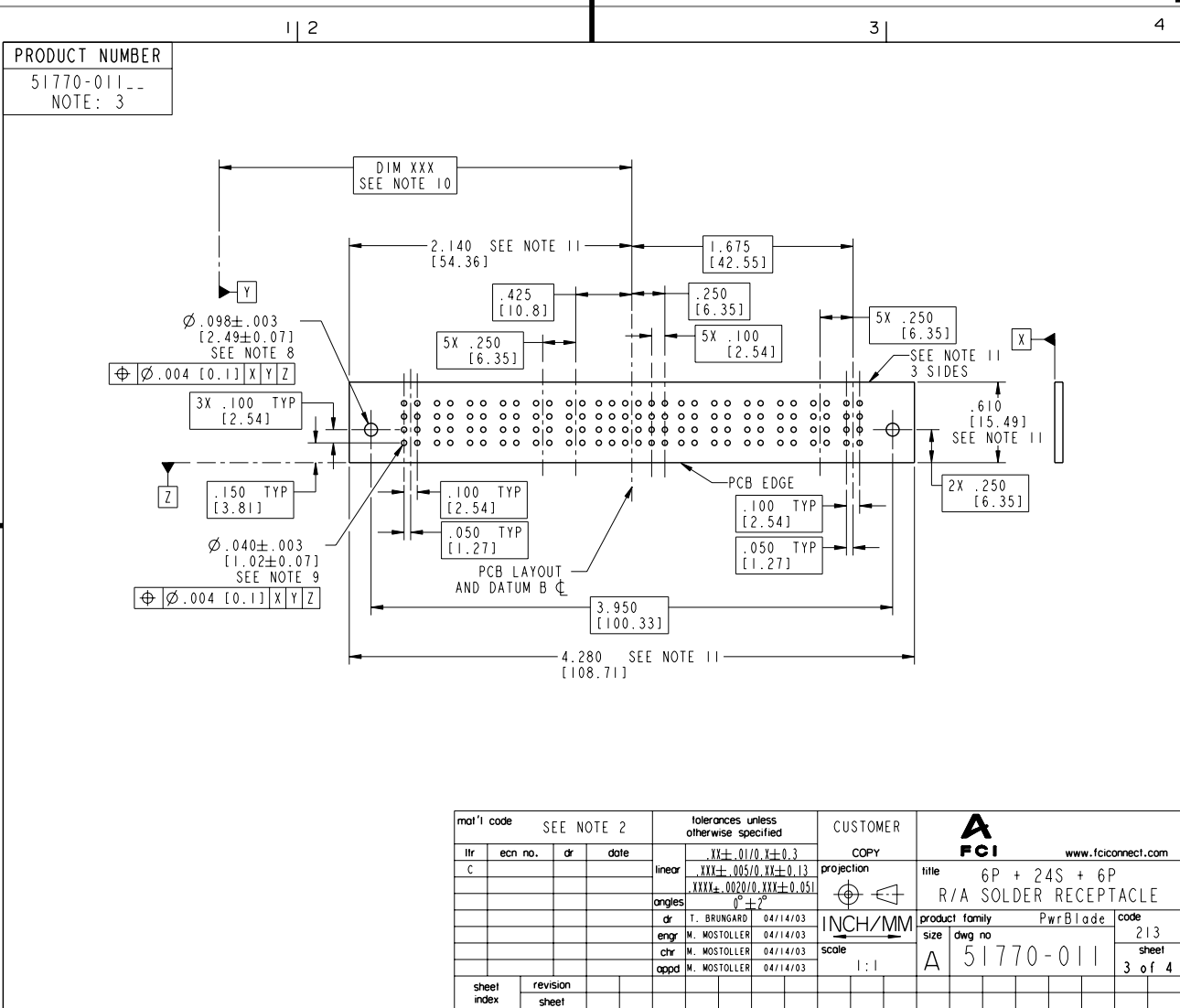
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lir	ecn no.	dr	date	linear	XX±.01/0.X±0.3	projection	COPY	title	6P + 24S + 6P		
C				linear	.XXX±.005/0.XX±0.13	INCH/MM		R/A SOLDER RECEPTACLE			
				angles	.XXXX±.002/0.XX±0.051	scale		product family	PwrBlade		
		dr	T. BRUNGARD	04/14/03	0°±2°	1:1		size	dwg no	213	
		eng	M. MOSTOLLER	04/14/03				A	51770-011	3 of 4	
		chr	M. MOSTOLLER	04/14/03							
		appd	M. MOSTOLLER	04/14/03							
sheet index	revision sheet									cage code	22526

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<p><b>PRODUCT NUMBER</b> 51770-011-- NOTE: 3</p>																																																																																																						
<p>NOTES:</p> <p>1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.</p> <p>CONNECTOR NOTES:</p> <p>(2.) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY</p> <p>3. PLATING:</p> <p>51770-011 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.</p> <p>51770-011LF 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.</p> <p>PART NUMBER 51770-011LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.</p> <p>THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.</p>																																																																																																						
<p>(4.) MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.</p> <p>5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.</p> <p>6. PACKAGED IN TRAYS.</p> <p>PCB NOTES:</p> <p>7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.</p> <p>(8.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.</p> <p>(9.) <math>\varnothing .0453 \pm .0010</math> [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 <math>\varnothing .040 \pm .003</math> [1.02 ± .07] HOLE.</p> <p>(10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.</p> <p>(11) CONNECTOR KEEP-OUT ZONE.</p>																																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">mat'l code</td> <td colspan="2">SEE NOTE 2</td> <td colspan="2">tolerances unless otherwise specified</td> <td colspan="2">CUSTOMER</td> <td colspan="2" style="text-align: center;"><b>FCI</b> www.fciconnect.com</td> </tr> <tr> <td>lfr</td> <td>ecn no.</td> <td>dr</td> <td>date</td> <td>linear</td> <td>.XX±.01/0.X±0.3</td> <td>projection</td> <td>COPY</td> <td>title</td> <td>6P + 24S + 6P</td> </tr> <tr> <td>C</td> <td></td> <td></td> <td></td> <td>linear</td> <td>.XXX±.005/0.XX±0.13</td> <td>angles</td> <td></td> <td>R/A SOLDER RECEPTACLE</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>angles</td> <td>.XXX±.002/0.XX±0.051</td> <td>dr</td> <td>T. BRUNGARD 04/14/03</td> <td>product family</td> <td>PwrBlade</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>dr</td> <td>0° ± 2°</td> <td>eng</td> <td>M. MOSTOLLER 04/14/03</td> <td>size</td> <td>213</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>eng</td> <td></td> <td>chr</td> <td>M. MOSTOLLER 04/14/03</td> <td>scale</td> <td>4 of 4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>chr</td> <td></td> <td>appd</td> <td>M. MOSTOLLER 04/14/03</td> <td>INCH/MM</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>appd</td> <td></td> <td></td> <td></td> <td>A</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>51770-011</td> <td></td> </tr> <tr> <td>sheet index</td> <td>revision sheet</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1:1</td> <td></td> </tr> </table>			mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		<b>FCI</b> www.fciconnect.com		lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	6P + 24S + 6P	C				linear	.XXX±.005/0.XX±0.13	angles		R/A SOLDER RECEPTACLE						angles	.XXX±.002/0.XX±0.051	dr	T. BRUNGARD 04/14/03	product family	PwrBlade					dr	0° ± 2°	eng	M. MOSTOLLER 04/14/03	size	213					eng		chr	M. MOSTOLLER 04/14/03	scale	4 of 4					chr		appd	M. MOSTOLLER 04/14/03	INCH/MM						appd				A										51770-011		sheet index	revision sheet							1:1	
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