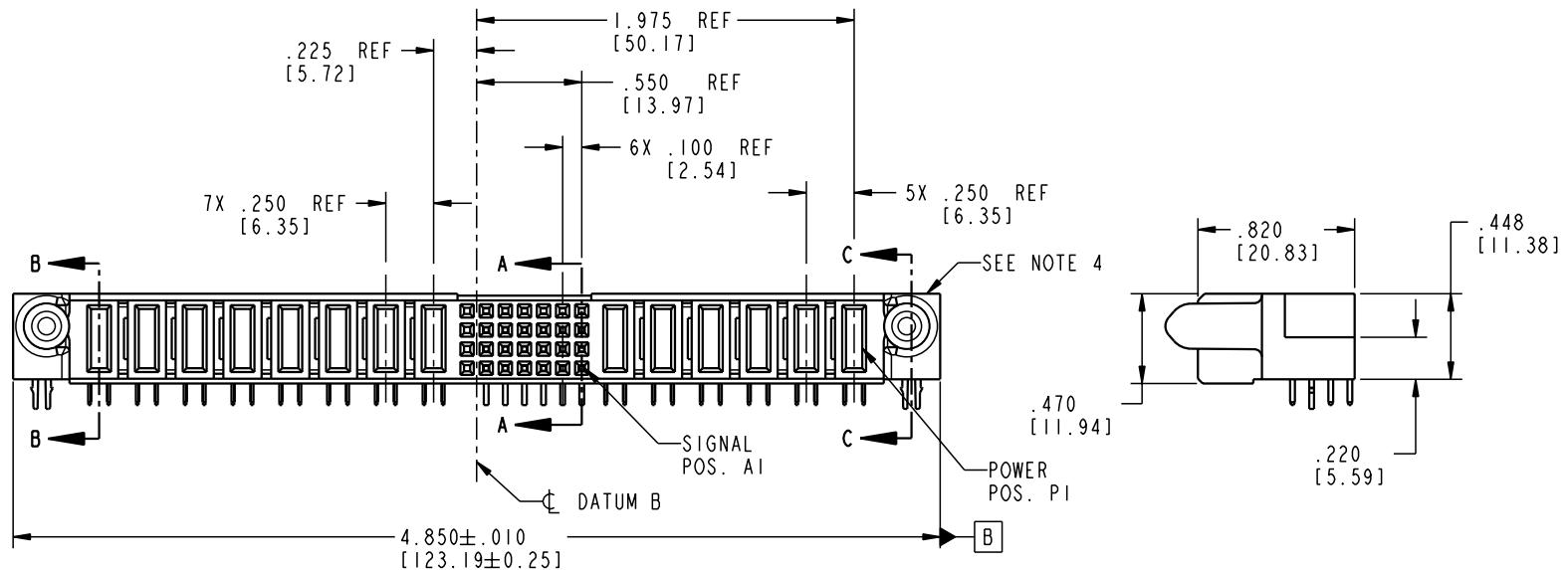
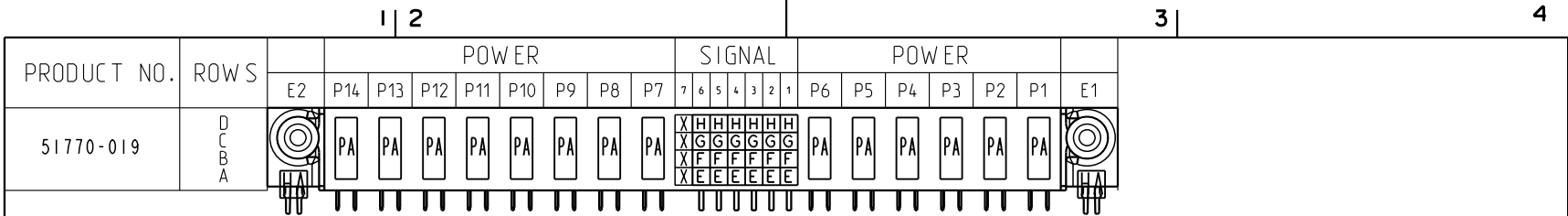


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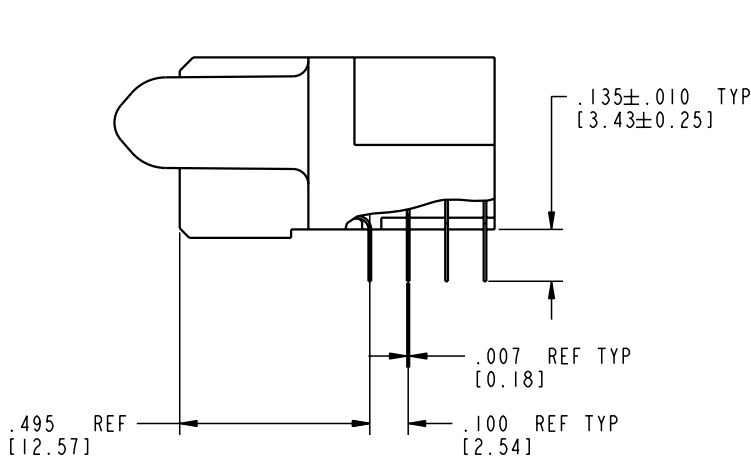
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

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	
A	V04-0963	TAB	09/27/04		.XXX±.005/0.XX±0.13			projection		6P + 28S + 8P	
					.XXX±.0020/0.XXX±0.051					R/A SOLDER RECEPTACLE	
					° ± °					product family PwrBlade code 213	
				dr	T. BRUNGARD	09/27/04	INCH/MM		product family PwrBlade		code 213
				engr	M. GRAY	09/27/04	scale		size		sheet 1 of 4
				chr	M. GRAY	09/27/04	1:1		size		sheet 1 of 4
				appd	M. GRAY	09/27/04			A		51770-019
sheet index	revision sheet	A 1	A 2	A 3	A 4						

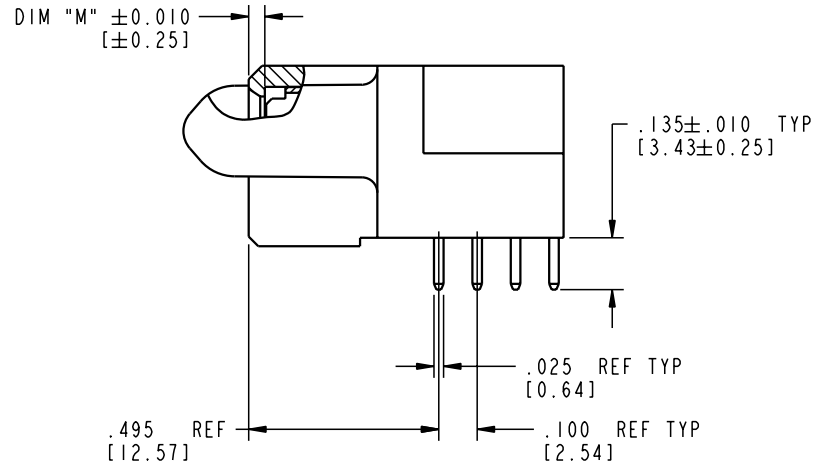
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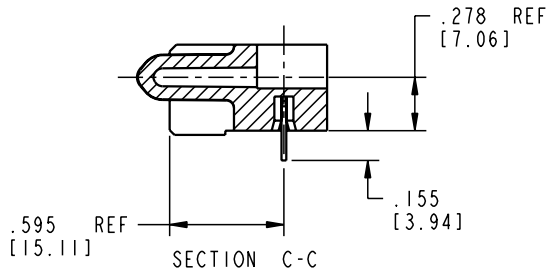
PRODUCT NUMBER  
51770-019



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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
A				projection	.XXX±.005/0.XX±0.13			6P + 28S + 8P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
				dr	T. BRUNGARD 09/27/04	product family		PwrBlade	
				enr	M. GRAY 09/27/04	size		code	
				chr	M. GRAY 09/27/04	A		213	
				appd	M. GRAY 09/27/04	scale		sheet	
						1:1		2 of 4	
sheet index		revision sheet							

cage code 22526

Pro/E

PDM: Rev:A

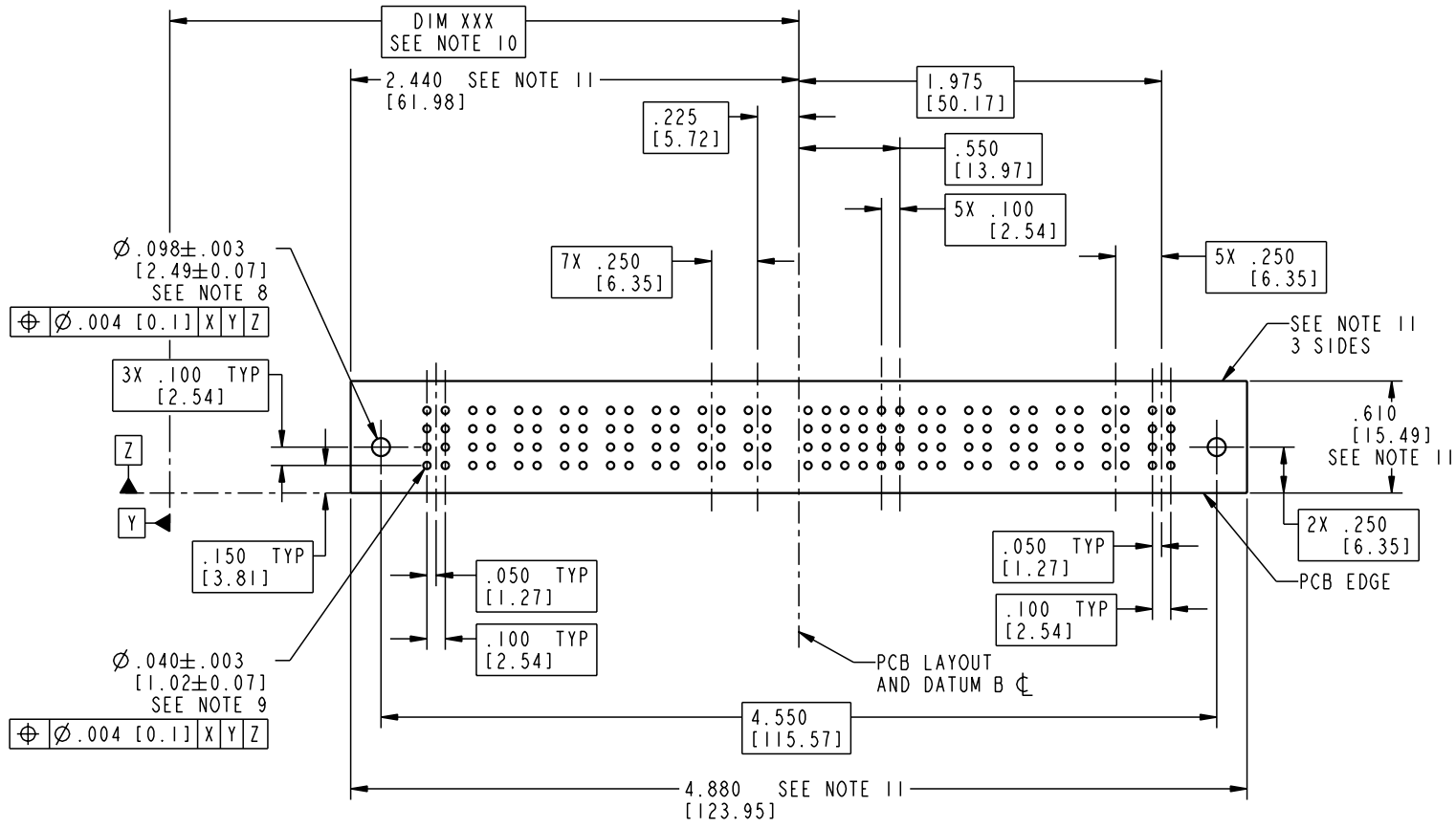
STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER  
51770-019



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	
A					.XXX±.005/0.XX±0.13	projection		6P + 28S + 8P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
		dr	T. BRUNGARD	09/27/04		INCH/MM		product family	
		enr	M. GRAY	09/27/04		scale		PwrBlade	
		chr	M. GRAY	09/27/04		1:1		code	
		appd	M. GRAY	09/27/04				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

51770-019

NOTES:

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


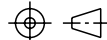
CONNECTOR NOTES:

- 2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED  
HIGH-TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY
- 3. PLATING:  
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'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		 <b>FCI</b> www.fciconnect.com	
ltr	ecm no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
A				linear	.XXX±.005/0.XX±0.13	projection		title	
				angles	.XXX±.0020/0.XXX±0.051 0°+2°			6P + 28S + 8P R/A SOLDER RECEPTACLE	
				dr	T. BRUNGARD 09/27/04	INCH/MM		product family	
				enr	M. GRAY 09/27/04	scale		PwrBlade	
				chr	M. GRAY 09/27/04	1:1		code	
				appd	M. GRAY 09/27/04			213	
sheet index		revision sheet						size	
								dwg no	
								A 51770-019	
								sheet 4 of 4	

**A**

**B**

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4

**PDM: Rev:A**

STATUS: **Released**

Printed: Dec 20, 2010