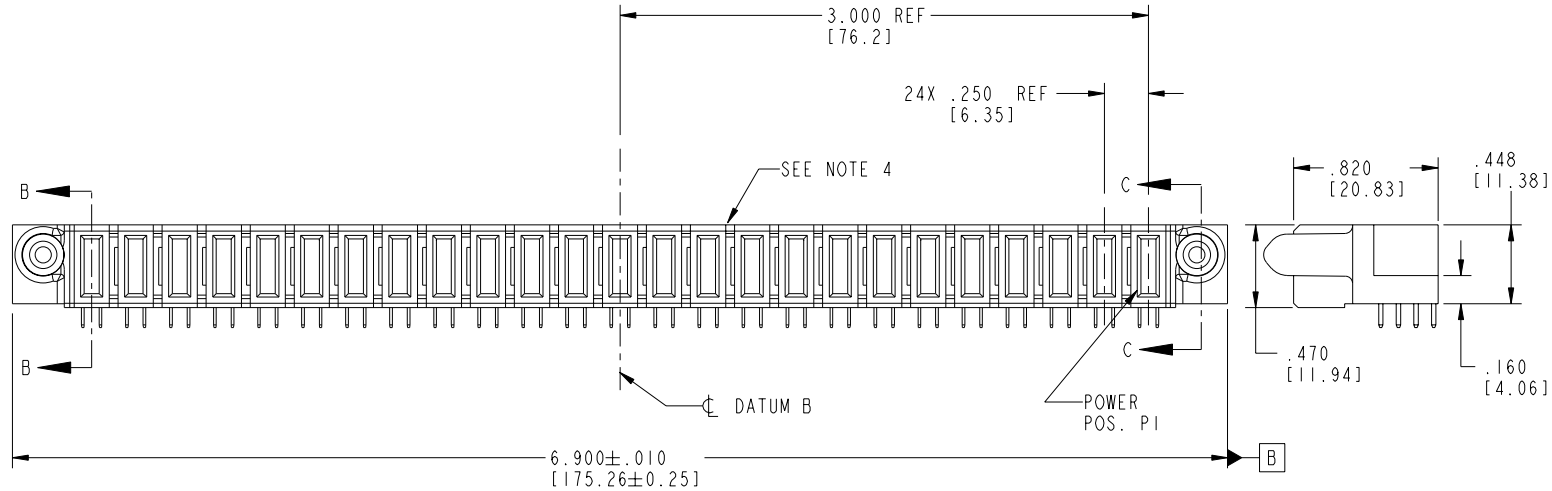
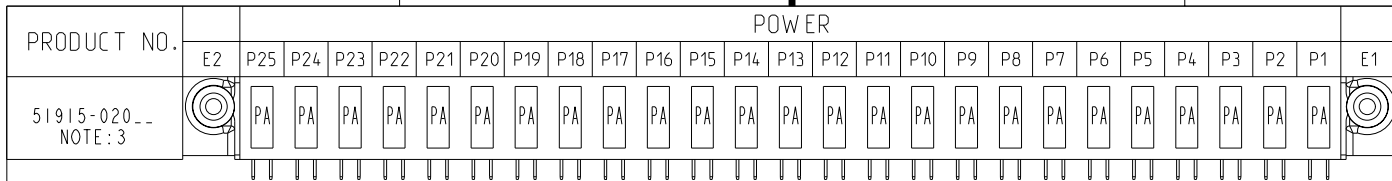


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection	COPY		title	
A	V03-0011	TAB	01/08/03	.XX±.01/0.X±0.3				25P	
B	DG05-0355	CS	09/27/05	.XXX±.005/0.XX±0.13				R/A SOLDER RECEPTACLE	
				angles		INCH/MM		product family	
				dr	1:1			PwrBlade	
				engr				code	
				chr				213	
				appd				sheet	
								1 of 4	
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

cage code 22526 4

PDM: Rev:B

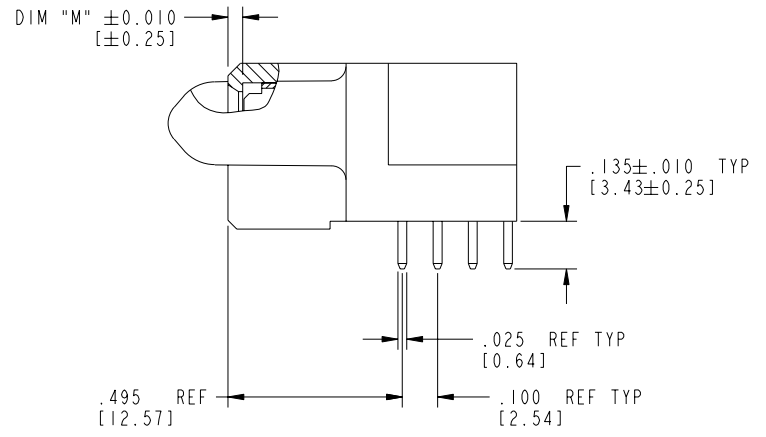
STATUS: Released

Printed: Aug 15, 2007

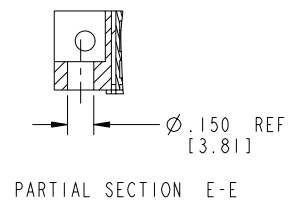
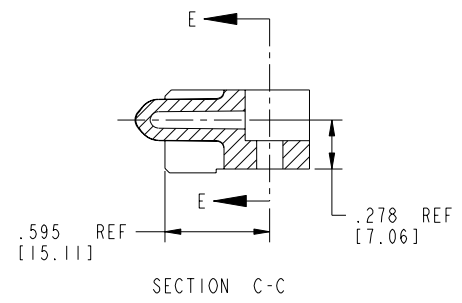
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PRODUCT NUMBER  
51915-020\_\_  
NOTE: 3



BROKEN-OUT SECTION B-B  
SCALE 2:1



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	title
B					.XXX±.005/0.XX±0.13				25P
				angles	.XXXX±.0020/0.XXX±0.051				R/A SOLDER RECEPTACLE
				dr	T. BRUNGARD 01/08/03	INCH/MM		product family	PwrBlade
				enr	M. MOSTOLLER 01/08/03	1:1		size	213
				chr	M. MOSTOLLER 01/08/03			scale	2 of 4
				appd	M. MOSTOLLER 01/08/03			dwg no	51915-020
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

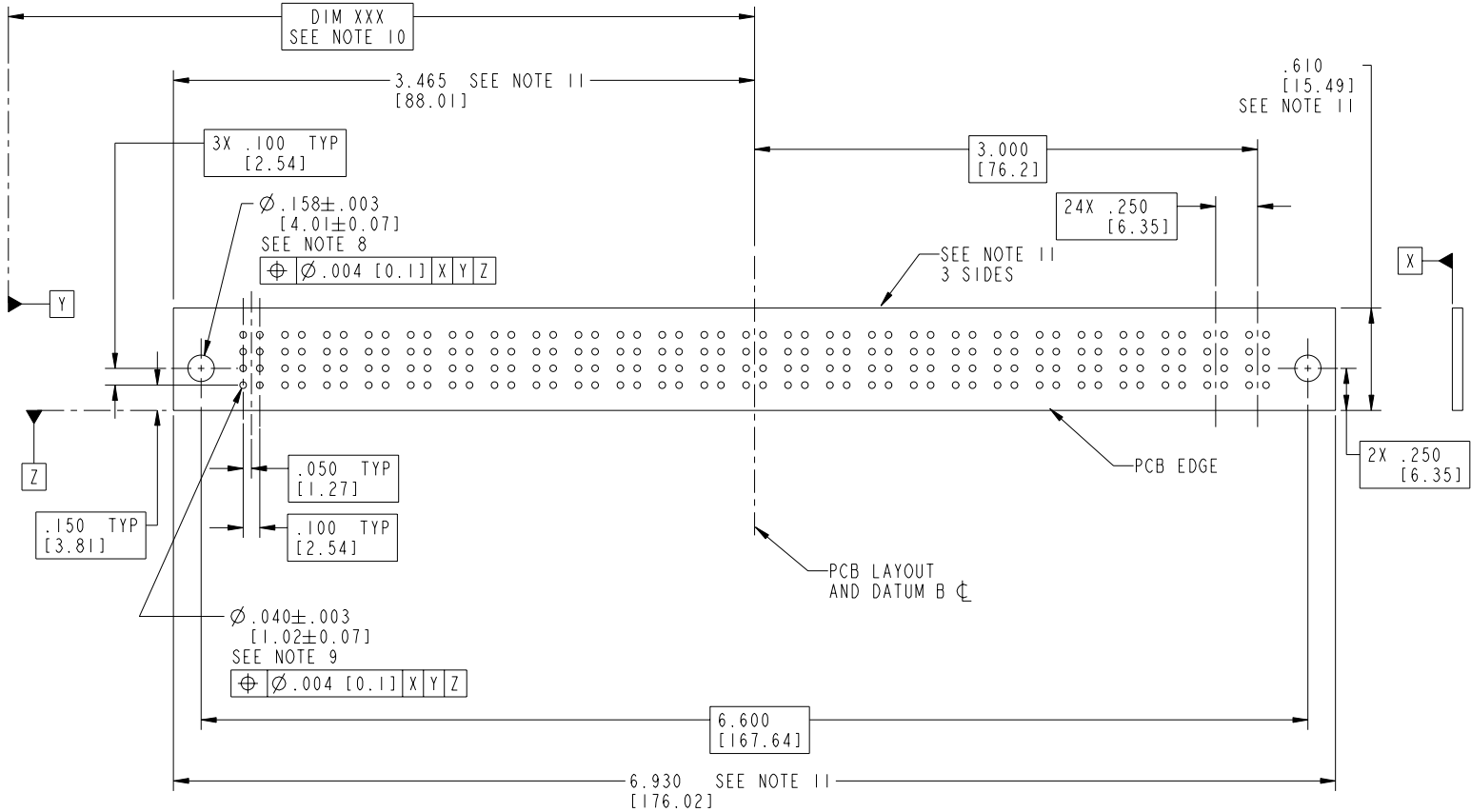
Printed: Aug 15, 2007

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**FCI**

PRODUCT NUMBER  
51915-020\_\_  
NOTE: 3



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.XX±0.3	COPY		projection		title	
B					.XXX±.005/0.XX±0.13			A		25P	
				angles	.XXX±.0020/0.XX±0.051			INCH/MM		R/A SOLDER RECEPTACLE	
				dr	0°±2°			product family		PwrBlade	
				enrg	T. BRUNGARD 01/08/03	scale		size		code	
				chr	M. MOSTOLLER 01/08/03	1:1		A		213	
				appd	M. MOSTOLLER 01/08/03			51915-020		sheet	
sheet index	revision sheet									3 of 4	

cage code 22526 4

Pro/E

PDM: Rev:B

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1 | 2

3 |

4

PRODUCT NUMBER  
51915-020\_\_  
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:  
51915-020 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.  
51915-020LF 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 51915-020LF 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 ± 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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
B					.XXX±.005/0.XX±0.13					25P	
				angles	.XXX±.002/0.XX±0.051					R/A SOLDER RECEPTACLE	
				dr	0 ± 2°	T. BRUNGARD 01/08/03		INCH/MM		product family	
				enrg		M. MOSTOLLER 01/08/03		1:1		PwrBlade	
				chr		M. MOSTOLLER 01/08/03		A		code	
				appd		M. MOSTOLLER 01/08/03		A		213	
sheet index		revision sheet								size	
										51915-020	
										4 of 4	

cage code 22526

4

1 | 2

Pro/E

3 |

PDM: Rev:B

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