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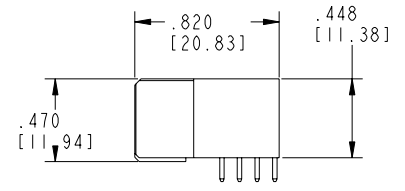
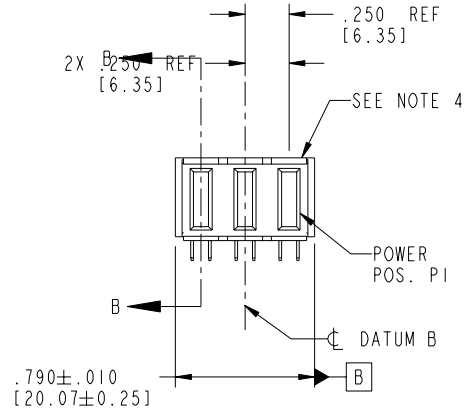
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PRODUCT NO. 51915-021-- NOTE:3	POWER		
	P3	P2	P1
	PC	PC	PA

1 | 2

3 |

4



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
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	projection	COPY		title	
A	V03-0212	MEM	2/24/03	.XX±.01/0.X±0.3	3P			R/A SOLDER RECEPTACLE	
B	V03-0875	TAB	08/08/03	.XXX±.005/0.XX±0.13		INCH/MM		product family PwrBlade code 213	
C	DG05-0355	CS	09/27/05	.XXX±.0020/0.XX±0.051		1:1		size dwg no 51915-021 sheet 1 of 4	
				angles	dr	M. MOSTOLLER	2/24/03		
					enr	M. MOSTOLLER	2/24/03		
					chr	H. BREWBAKER	2/24/03		
					appd	M. MOSTOLLER	2/24/03		
sheet index	revision sheet	C 1	C 2	C 3	C 4				

1 | 2

3 |

4

Pro/E

cage code 22526

PDM: Rev:C

STATUS:Released

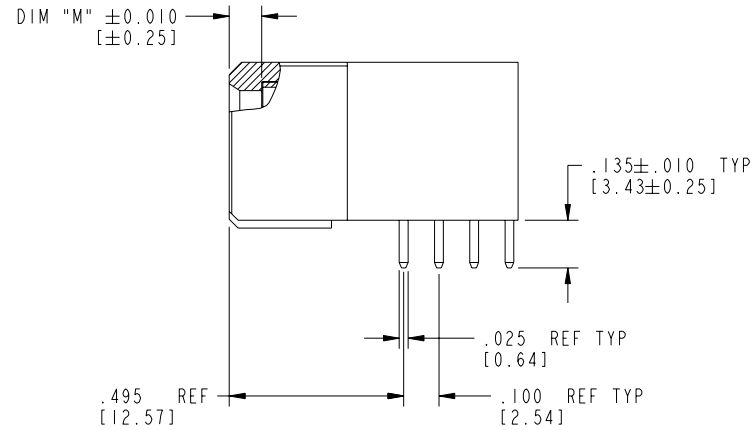
Printed: Aug 15, 2007

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FCI

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PRODUCT NUMBER
51915-021__
NOTE: 3



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title		
C					.XXX±.005/0.XX±0.13				3P		
				angles	.XXX±.0020/0.XX±0.051				R/A SOLDER RECEPTACLE		
				dr	0°±2°	M. MOSTOLLER 2/24/03		INCH/MM	product family	PwrBlade	code
				enr		M. MOSTOLLER 2/24/03		1:1	size	dwg no	213
				chr		H. BREWBAKER 2/24/03		A	51915-021		sheet
				appd		M. MOSTOLLER 2/24/03					2 of 4
sheet index	revision sheet										

cage code 22526 4

PDM: Rev:C

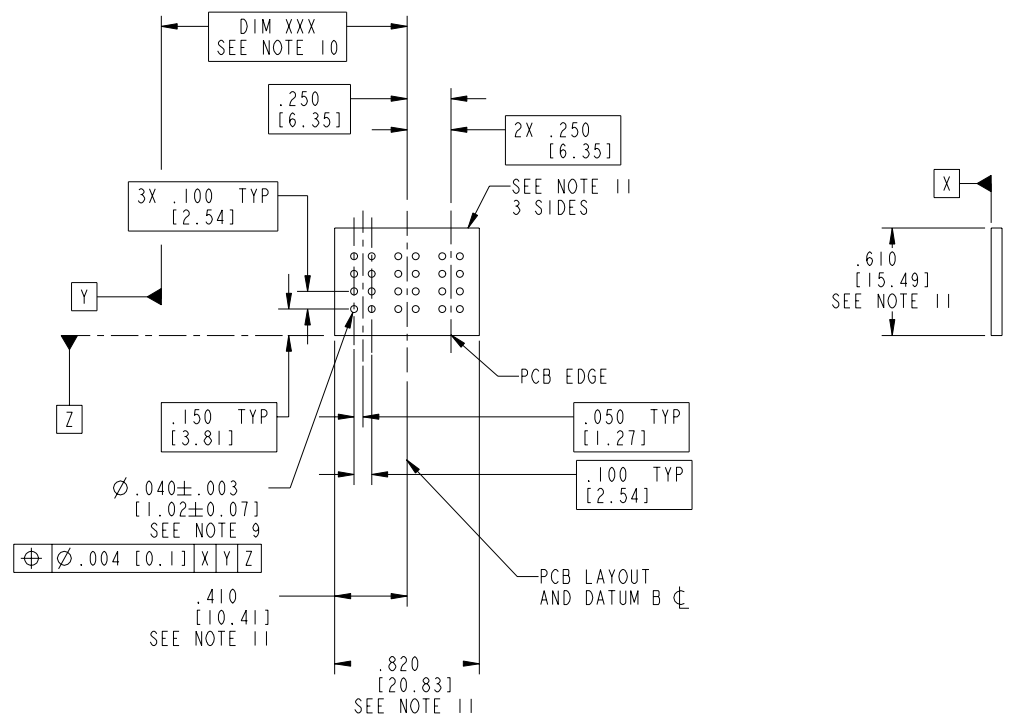
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PRODUCT NUMBER
51915-021__
NOTE: 3



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	
C				angles	.XXX±.005/0.XX±0.13					3P	
				dr	.XXX±.002/0.XX±0.051	M. MOSTOLLER 2/24/03		INCH/MM		R/A SOLDER RECEPTACLE	
				engr	0°±2°	M. MOSTOLLER 2/24/03		scale		product family	
				chr		H. BREWBAKER 2/24/03		1:1		PwrBlade	
				appd		M. MOSTOLLER 2/24/03		A		code	
sheet index		revision sheet								213	
										3 of 4	

cage code 22526 4

Pro/E

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PRODUCT NUMBER
51915-021__
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:

51915-021 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.

51915-021LF 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 51915-021LF 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	projection	COPY	title	3P		
C				angles	.XXX±.005/0.XX±0.13	INCH/MM		R/A SOLDER RECEPTACLE	product family	PwrBlade	code
				dr	.XXX±.0020/0.XXX±0.051	scale	1:1		size	dwg no	213
				enr	0° ± 2°			A	51915-021	sheet	4 of 4
				chr	M. MOSTOLLER 2/24/03						
				appd	M. MOSTOLLER 2/24/03						
sheet index	revision sheet										

cage code 22526 4