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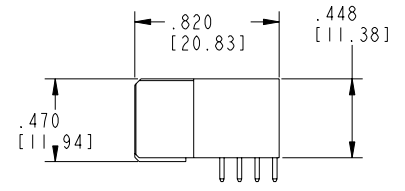
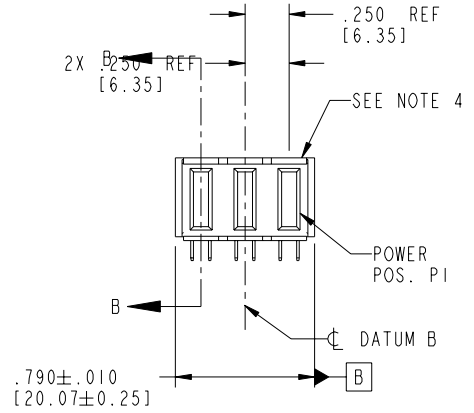
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PRODUCT NO. 51915-021-- NOTE:3	POWER		
	P3	P2	P1
	PC	PC	PA

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

1 | 2

3 |

4

Pro/E

cage code 22526

PDM: Rev:C

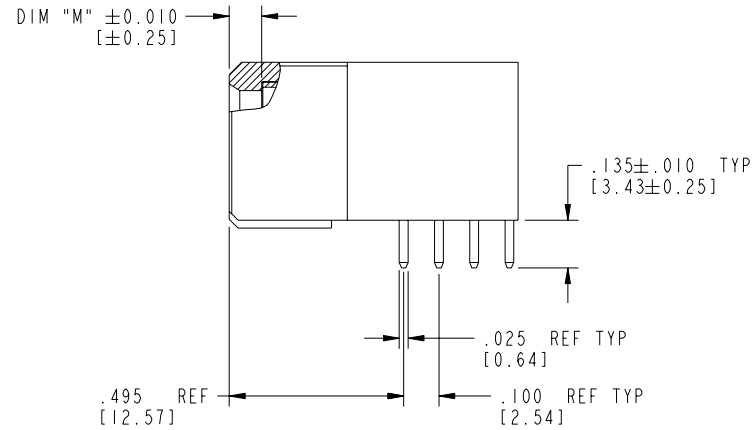
STATUS:Released

Printed: Dec 20, 2010



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PRODUCT NUMBER  
51915-021--  
NOTE: 3



BROKEN-OUT SECTION B-B  
SCALE 2:1

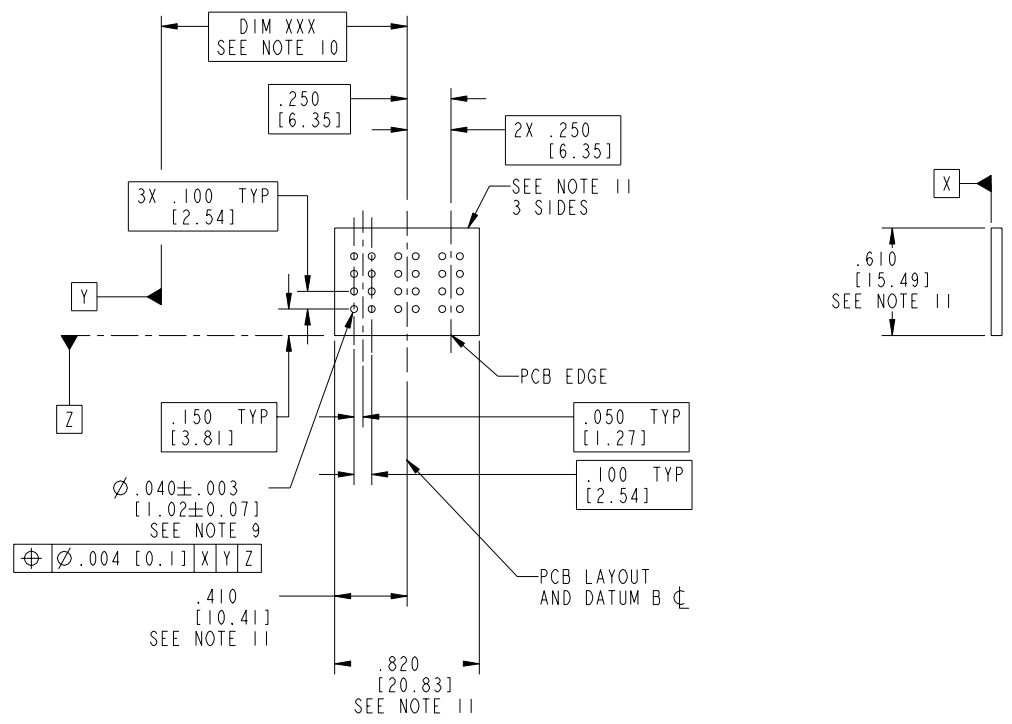
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
C					.XXX±.005/0.XX±0.13				3P
				angles	.XXX±.0020/0.XX±0.051	INCH/MM			R/A SOLDER RECEPTACLE
				dr	0°±2°	scale		product family	code
		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

cage code 22526 4

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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		title	
C				angles	.XXX±.005/0.XX±0.13	projection		3P	
				dr	.XXX±.002/0.XX±0.051			R/A SOLDER RECEPTACLE	
				engr	0°±2°	INCH/MM		product family PwrBlade code	
				chr	M. MOSTOLLER 2/24/03	scale 1:1		size dwg no 213	
				appd	M. MOSTOLLER 2/24/03			sheet 3 of 4	
sheet index		revision sheet							

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Pro/E

PDM: Rev:C

STATUS: Released

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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  $\pm$  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		 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.XXX±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				4 of 4
sheet index	revision sheet										

cage code 22526 4