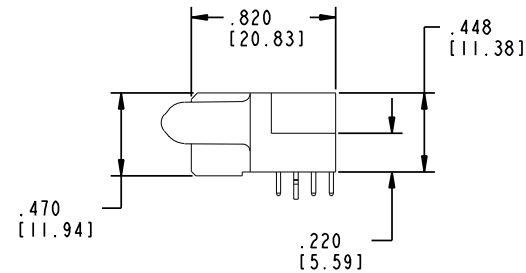
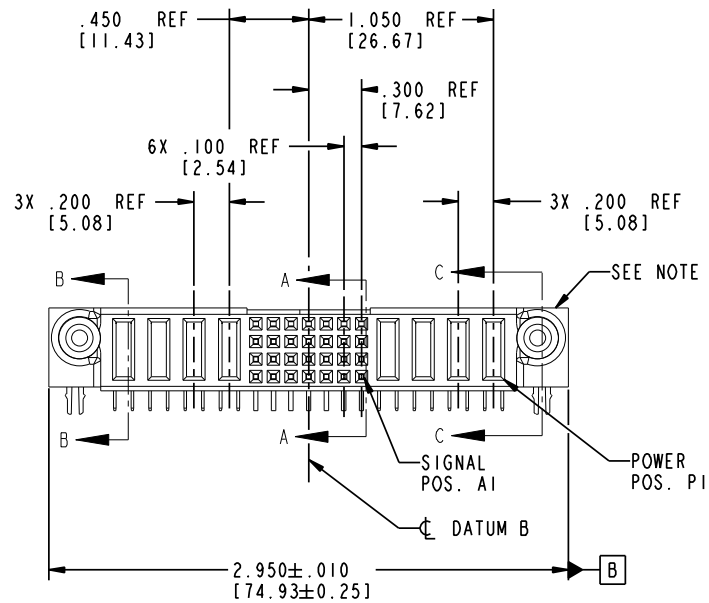
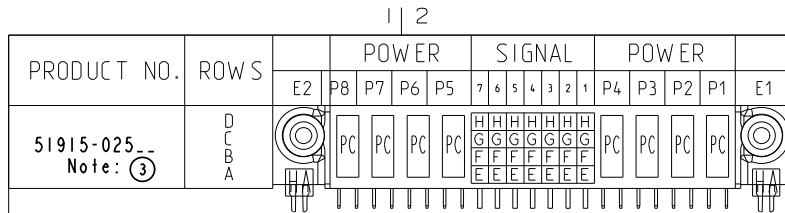


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
PC	.092 [2.34]	POWER

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		projection	
A	V03-0471	TAB	04/28/03	linear	.XXX±.005/0.XX±0.13	INCH/MM		title 4P + 28S + 4P R/A SOLDER RECEPTACLE	
B	DG05-0123	SJ	05/23/05	angles	.XXX±.0020/0.XX±0.051				
				dr	T. BRUNGARD 04/28/03	scale 1:1		product family PwrBlade	
				enrg	M. MOSTOLLER 04/28/03				
				chr	M. MOSTOLLER 04/28/03				
				appd	M. MOSTOLLER 04/28/03	size A		dwg no 51915-025	
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4	cage code 22526		code 213 sheet 1 of 4	

Pro/E

PDM: Rev:B

STATUS:Released

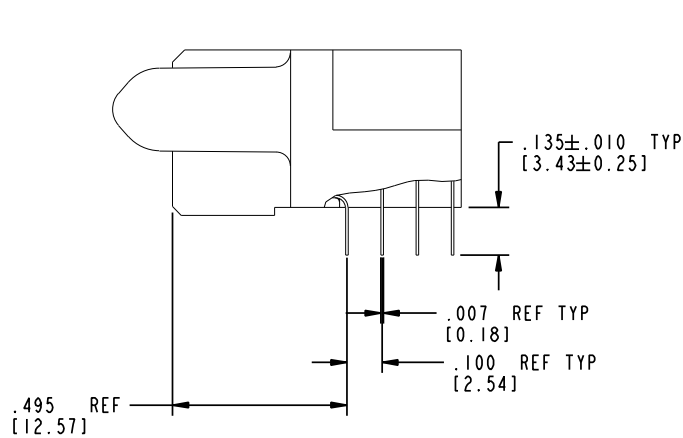
Printed: Dec 20, 2010

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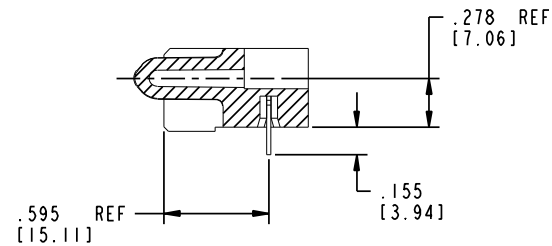
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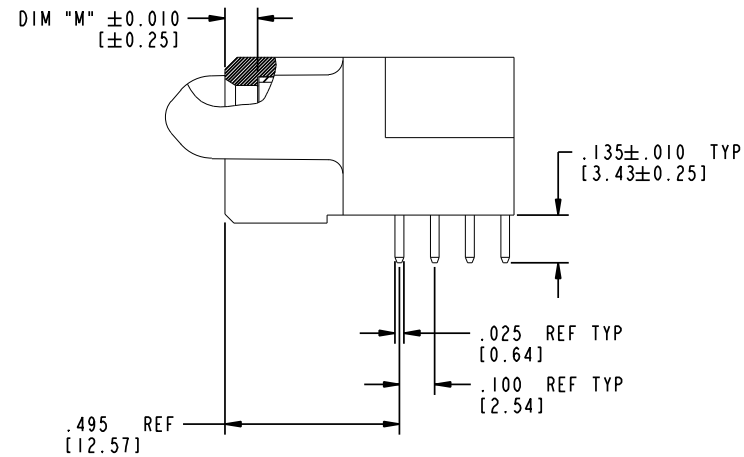
PRODUCT NUMBER
51915-025--
Note: ③



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$	COPY		title	
B				linear	$.XXX \pm .005/0.XX \pm 0.13$	projection		4P + 28S + 4P	
				linear	$.XXX \pm .0020/0.XX \pm 0.051$	INCH/MM		R/A SOLDER RECEPTACLE	
				angles	$0 \pm 2^\circ$	scale		product family	
				dr	T. BRUNGARD 04/28/03	1:1		PwrBlade	
				enrg	M. MOSTOLLER 04/28/03	size		dwg no	
				chr	M. MOSTOLLER 04/28/03	A		51915-025	
				appd	M. MOSTOLLER 04/28/03	sheet		2 of 4	
sheet index	revision	sheet							

Pro/E

cage code
22526

PDM: Rev:B

STATUS: Released

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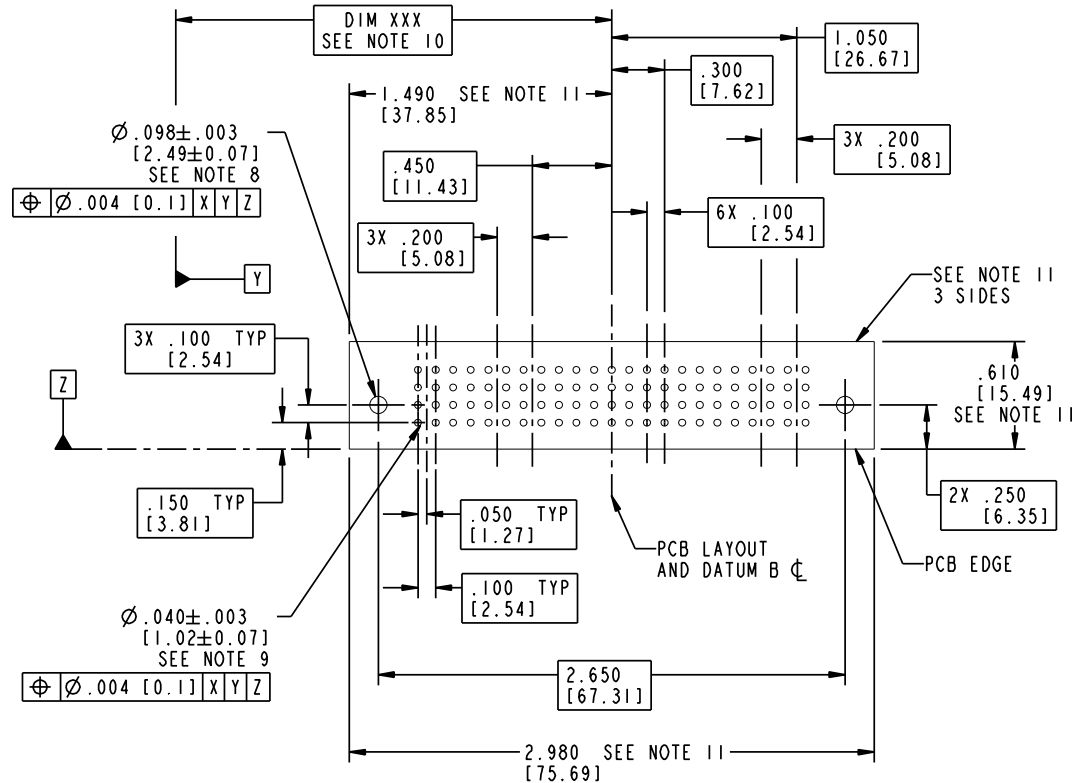
A
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PRODUCT NUMBER

51915-025--

Note: ③



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr		ecn no.		dr		date		linear XX±.01/0.X±0.3 XXX±.005/0.XX±0.13 XXXX±.002/0.XXX±0.051 angles 0°±2°		projection		title 4P + 28S + 4P R/A SOLDER RECEPTACLE							
dr		T. BRUNGARD		04/28/03															
engr		M. MOSTOLLER		04/28/03															
chr		M. MOSTOLLER		04/28/03		INCH/MM scale 1:1		product family				PwrBlade				code			
appd		M. MOSTOLLER		04/28/03				size		dwg no		A		51915-025		213			
sheet index		revision		sheet												sheet			
																3 of 4			

Pro/E

cage code **22526**

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PRODUCT NUMBER

51915-025_-

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:

51915-025 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.

51915-025LF 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 51915-025LF 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				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$			COPY				projection				title			
B					$.XXX \pm .005/0.XX \pm 0.13$											4P + 28S + 4P			
				angles	$.XXX \pm .0020/0.XXX \pm 0.051$											R/A SOLDER RECEPTACLE			
					$0 \pm 2^\circ$											product family			
				dr	T. BRUNGARD 04/28/03			INCH/MM				PwrBlade				code			
				enrg	M. MOSTOLLER 04/28/03			scale				size				213			
				chr	M. MOSTOLLER 04/28/03			1:1				A				sheet			
				appd	M. MOSTOLLER 04/28/03							51915-025				4 of 4			
sheet index		revision sheet																	

cage code **22526**

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