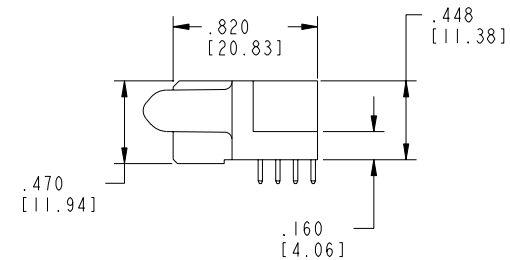
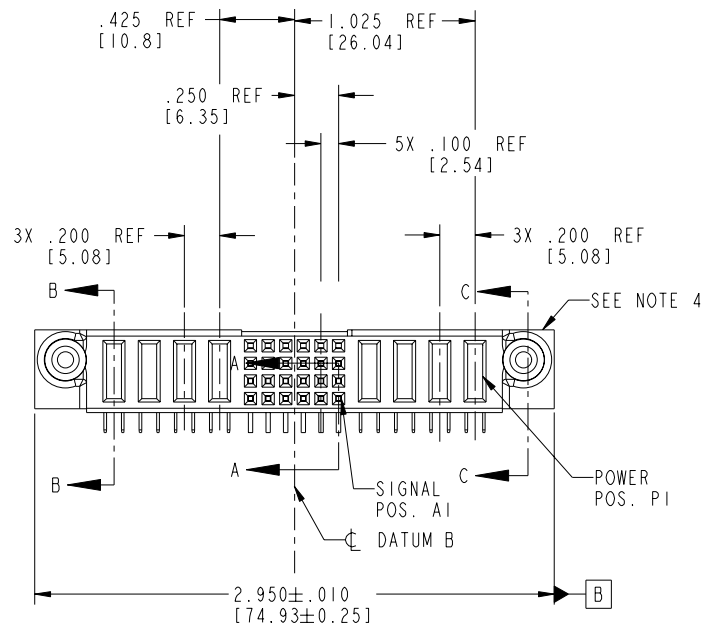


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PRODUCT NO.	ROWS	POWER				SIGNAL								POWER			
		E2	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51915-041-- NOTE:3	D C B A		PA	PA	PA	PA	H	H	H	H	H	H	PA	PA	PA	PA	



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

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	angular	COPY	projection
A	V04-0054	TAB	01/20/04	.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13		
B	DG05-0370	CS	09/30/05	.XXX±.002/0.XX±0.051	0°±2°		
				dr	T. BRUNGARD	01/20/04	
				enr	M. GRAY	01/20/04	
				chr	M. GRAY	01/20/04	
				appd	M. GRAY	01/20/04	
sheet index	revision	B	B	B	B	scale	1:1
sheet	1	2	3	4			
SEE NOTE 2				www.fciconnect.com			
				title 4P + 24S + 4P R/A SOLDER RECEPTACLE			
				product family PwrBlade			
				size 213			
				dwg no 51915-041			
				sheet 1 of 4			

cage code 22526

Pro/E

PDM: Rev:B

STATUS:Released

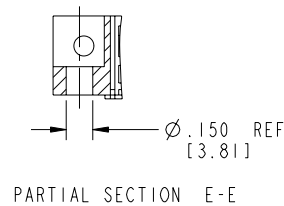
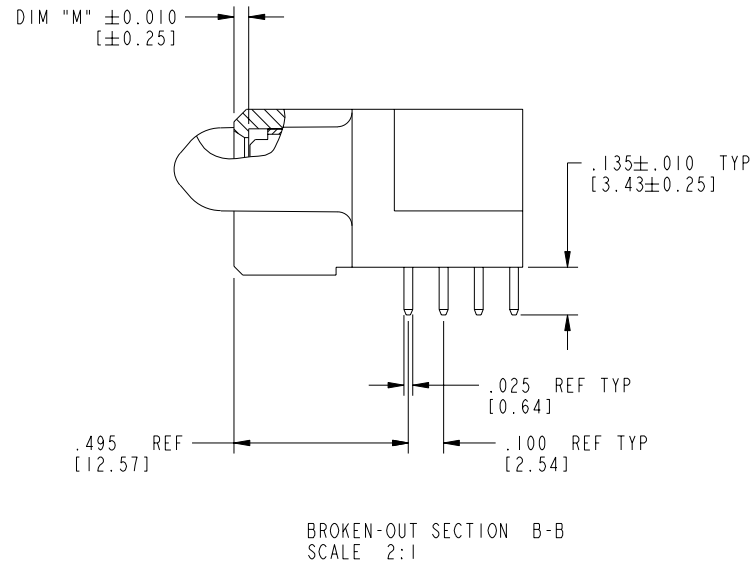
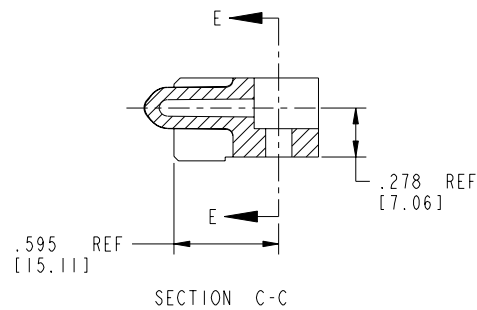
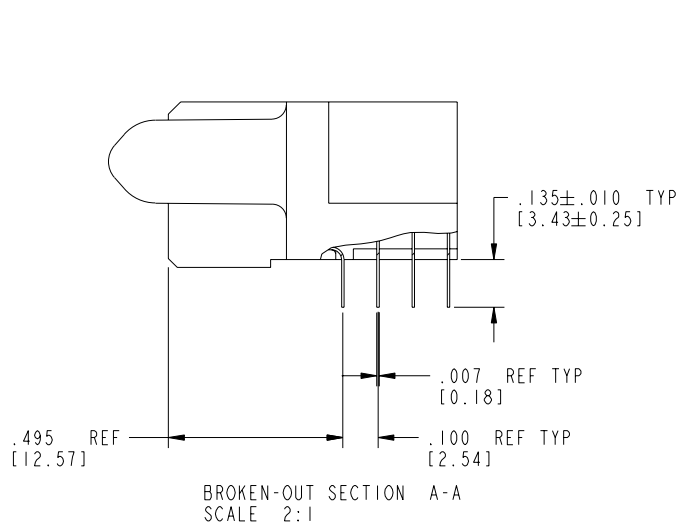
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PRODUCT NUMBER
51915-041--
NOTE: 3



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	COPY	projection	title	4P + 24S + 4P
B					.XXX±.005/0.XX±0.13				R/A SOLDER RECEPTACLE
				angles	.XXX±.0020/0.XXX±0.051			product family	PwrBlade
				dr	T. BRUNGARD 01/20/04			size	213
				enr	M. GRAY 01/20/04			dwg no	51915-041
				chr	M. GRAY 01/20/04			sheet	2 of 4
				appd	M. GRAY 01/20/04				
sheet index	revision sheet					scale 1:1			

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

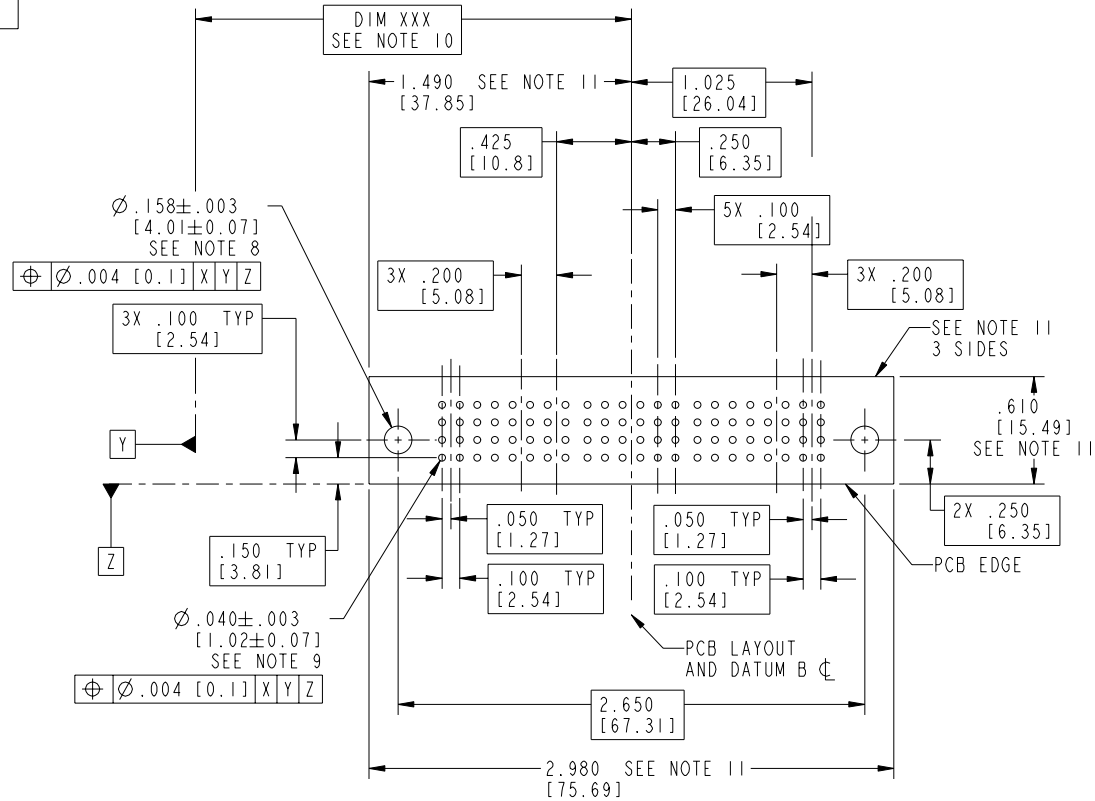
Printed: Dec 20, 2010

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PRODUCT NUMBER
51915-041--
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		COPY		projection	title	
B					.XXX±.005/0.XX±0.13					4P + 24S + 4P	
					.XXX±.0020/0.XXX±0.051					R/A SOLDER RECEPTACLE	
				angles	0°±2°				scale 1:1	product family	
				dr	T. BRUNGARD 01/20/04					PwrBlade	
				enr	M. GRAY 01/20/04					code	
				chr	M. GRAY 01/20/04					213	
				appd	M. GRAY 01/20/04					sheet	
sheet index		revision sheet								3 of 4	
				Pro/E				3		cage code	
										22526	
										4	

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PRODUCT NUMBER

51915-041 _ _
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:

51915-041 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.

51915-041LF 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 51915-041LF 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	ecr no.	dr	date	linear	.XX+ .01/0.X+0.3			COPY				projection				title							
B					.XXX+ .005/0.XX+0.13											4P + 24S + 4P							
				angles	.XXX+ .0020/0.XX+0.051											R/A SOLDER RECEPTACLE							
				dr	0° + 2°											product family							
				engr	T. BRUNGARD 01/20/04											PwrBlade							
				chr	M. GRAY 01/20/04											code							
				appd	M. GRAY 01/20/04											213							
sheet index				revision sheet								scale				A				size			
												1:1				51915-041				sheet			
																4 of 4							

cage code 22526

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