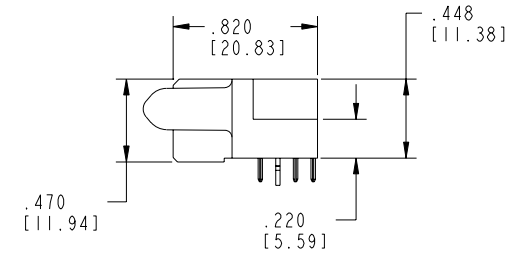
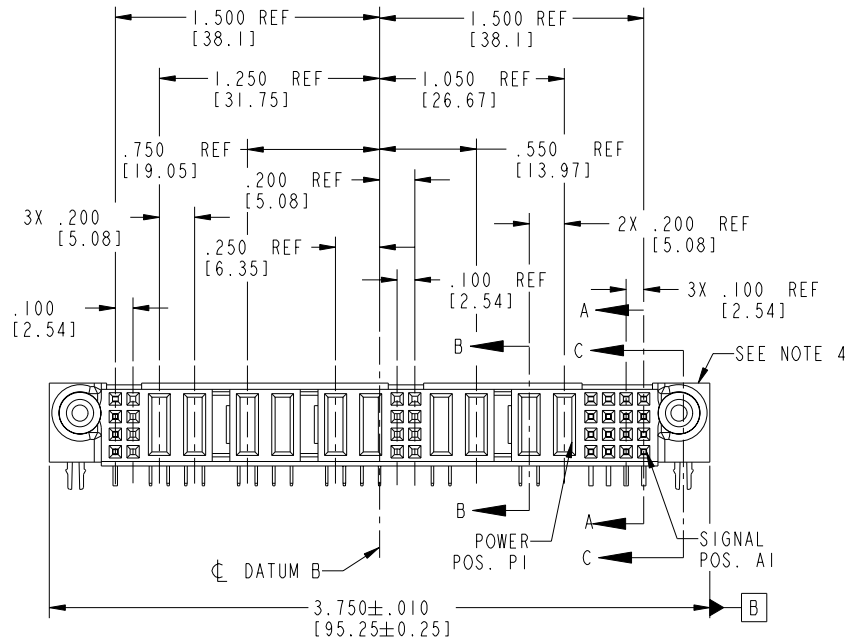
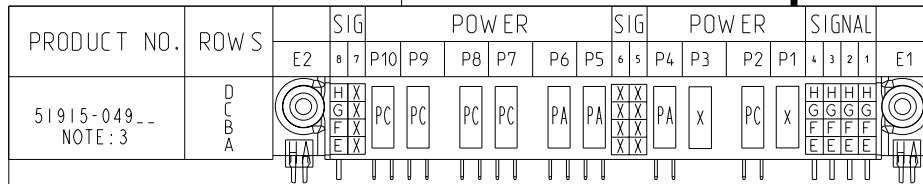


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B



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
PC	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

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	
A	V04-0546	TAB	05/25/04	linear	.XXX±.005/0.XX±0.13	INCH/MM		title 16S + 4P + 8S + 6P + 8S R/A SOLDER RECEPTACLE	
B	V04-1056	TAB	11/08/04	linear	.XXX±.0020/0.XXX±0.051				
C	DG05-0370	CS	09/30/05	angles	0°±2°	scale 1:1		product family PwrBlade size 51915-049 sheet 1 of 4	
				dr	T. BRUNGARD 05/25/04				
				enr	M. GRAY 05/25/04				
				chr	M. GRAY 05/25/04				
				appd	M. GRAY 05/25/04	cage code 22526		4	
sheet index	revision sheet	C 1	C 2	C 3	C 4				

Pro/E

PDM: Rev:C

STATUS:Released

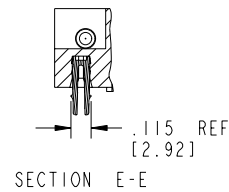
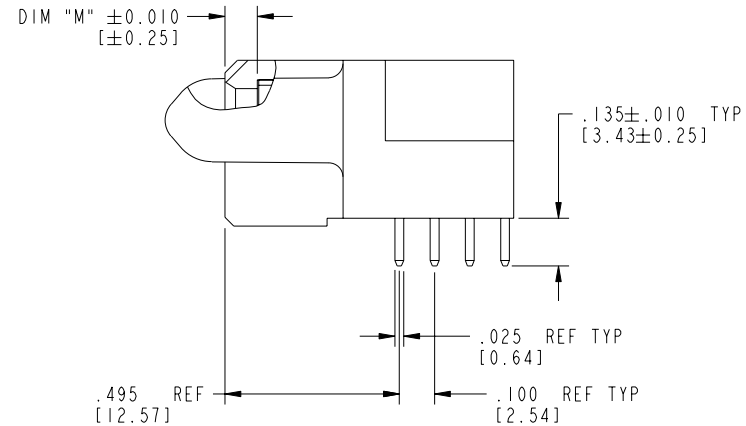
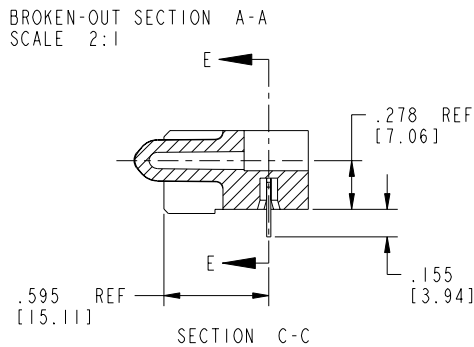
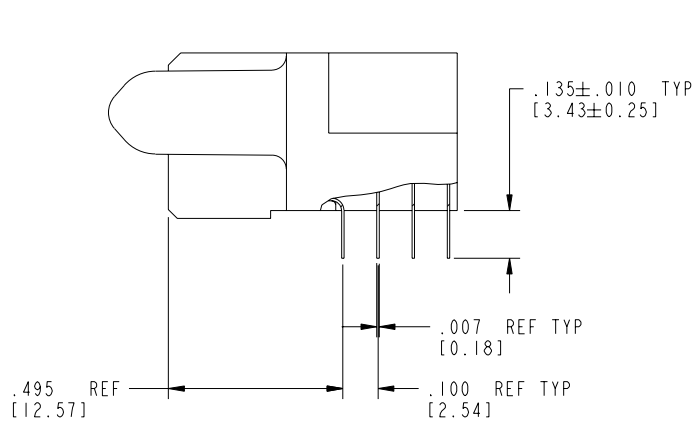
Printed: Dec 20, 2010

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PRODUCT NUMBER
51915-049--
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
C					.XXX±.005/0.XX±0.13	INCH/MM			
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°	scale 1:1		product family	PwrBlade
				dr	T. BRUNGARD 05/25/04				
				enrg	M. GRAY 05/25/04	A		size	dwg no
				chr	M. GRAY 05/25/04				
				appd	M. GRAY 05/25/04			51915-049	code
sheet index		revision sheet							sheet
									2 of 4

Pro/E

PDM: Rev:C

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Printed: Dec 20, 2010

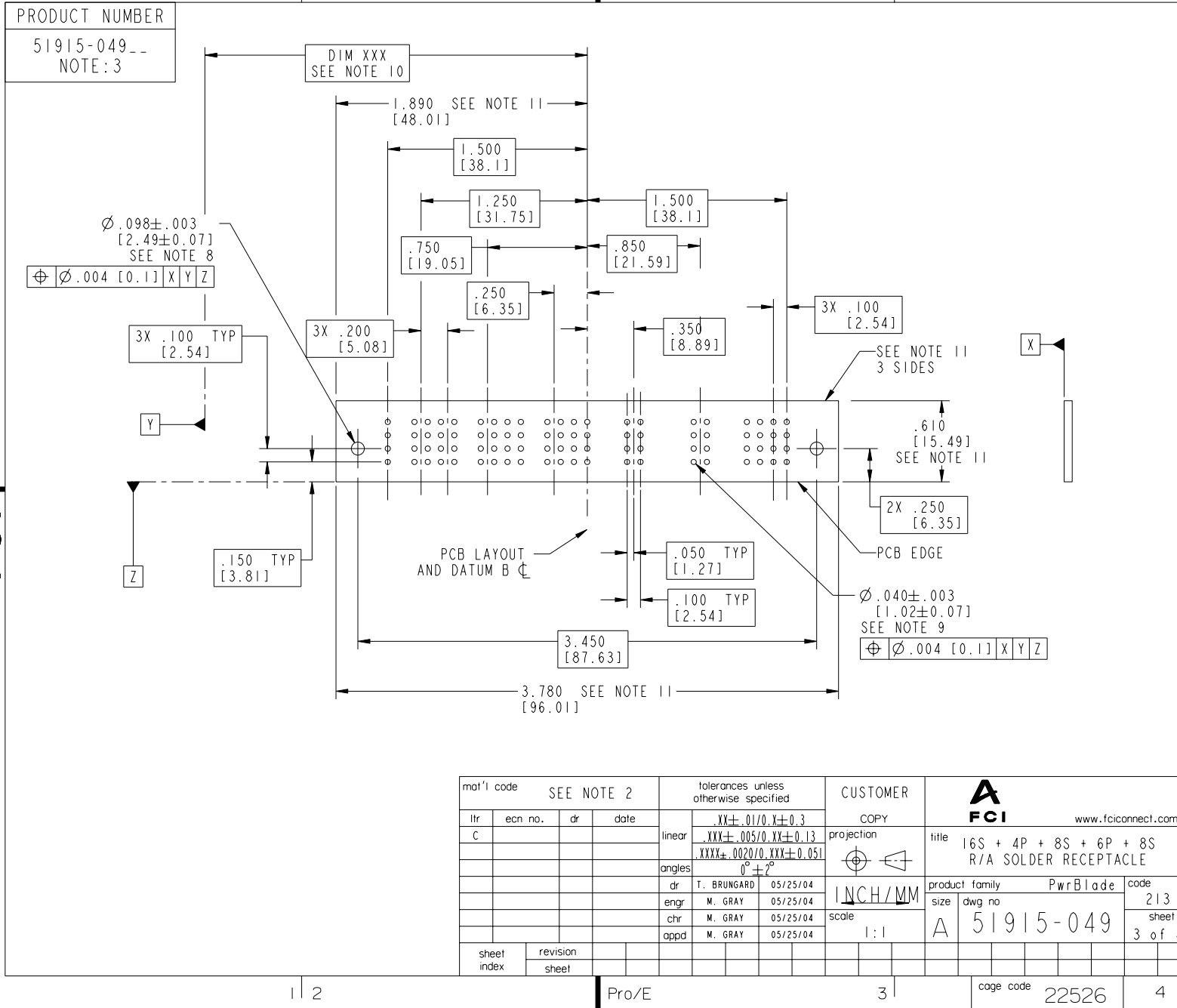
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A

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PRODUCT NUMBER

51915-049_-
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:

51915-049 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.
51915-049LF 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 51915-049LF 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				tolerances unless otherwise specified				CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	linear	projection	projection	COPY		title	
C					.XX $\pm$.01/0.X $\pm$ 0.3					16S + 4P + 8S + 6P + 8S R/A SOLDER RECEPTACLE	
					.XXX $\pm$.005/0.XX $\pm$ 0.13						
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051						
				angles	0 $\pm$ 2°						
				dr	T. BRUNGARD	05/25/04		INCH/MM		product family PwrBlade	
				enr	M. GRAY	05/25/04		size		dwg no	
				chr	M. GRAY	05/25/04		scale		A	
				appd	M. GRAY	05/25/04		1:1		51915-049	
sheet index		revision sheet								code	
										213	
										sheet	
										4 of 4	

cage code 22526

4

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