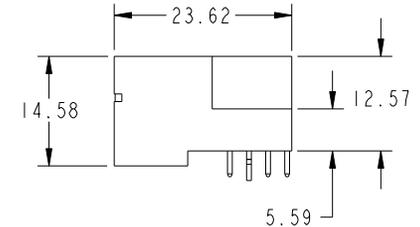
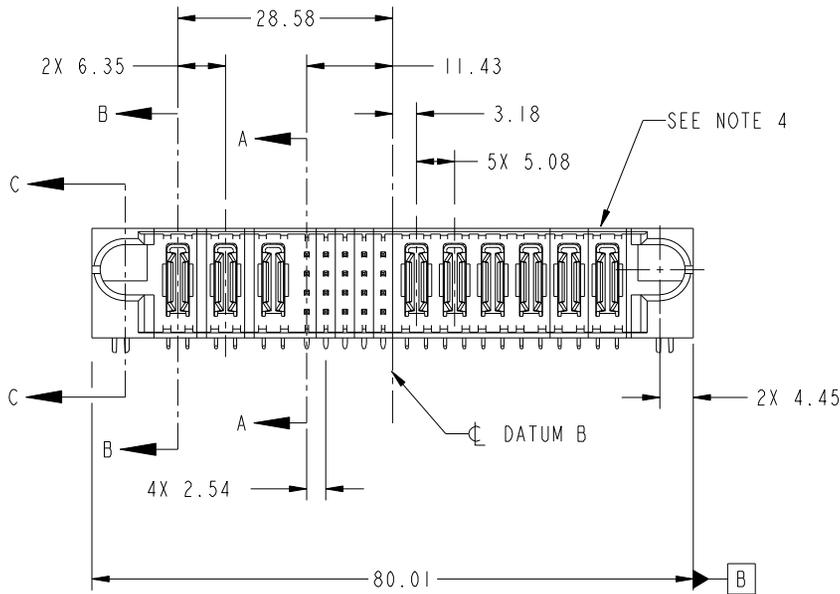
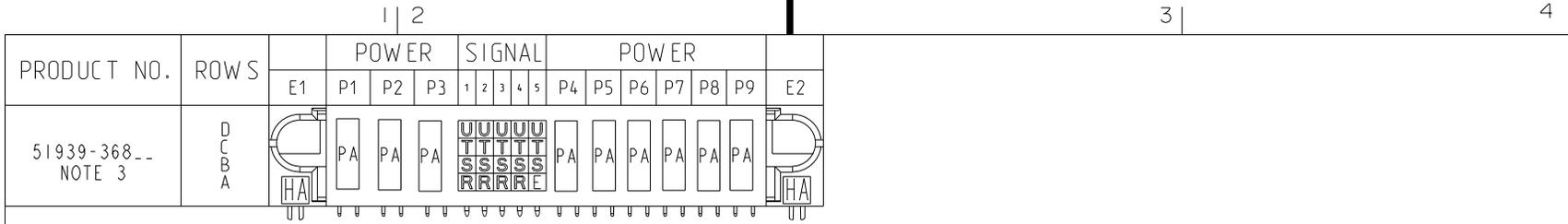


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
E	[5.59]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
lir	ecr no.	dr	date	linear	0.X ±0.5	COPY			
A	DG08-0169	W D	06/30/08	angles	0.XX ±0.25	projection			
					0.XXX ±0.1				
				dr	Warren Du	06/27/08	product family		code
				enrg	Jerome Chen	06/27/08	PwrBlade		213
				chr	Gary Hsieh	06/27/08	size		sheet
				appd	Joseph Hsia	06/27/08	dwg no		1 of 4
sheet index	revision sheet	A 1	A 2	A 3	A 4	scale			
						1:1			

		www.fciconnect.com	
title		3P + 20S + 6P	
RIGHT ANGLE SOLDER HEADER			
product family		PwrBlade	
size		A	
dwg no		51939-368	
code		213	
sheet		1 of 4	

B

B

1 | 2

Pro/E

PDM: Rev: A

STAT: Released

Printed: Dec 20, 2010

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4

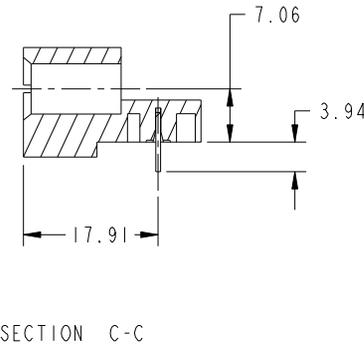
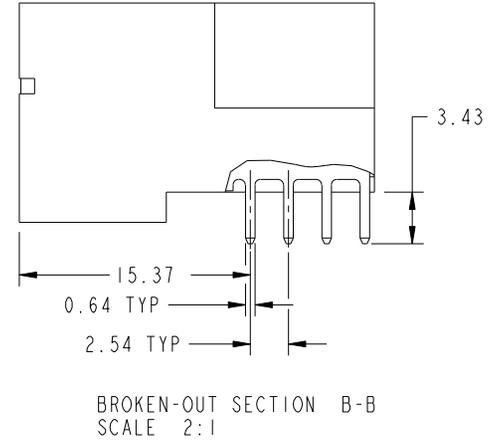
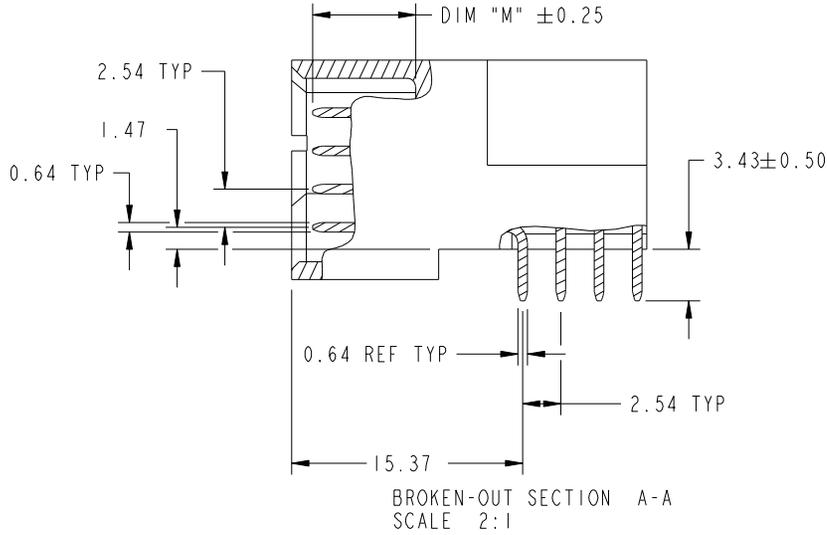
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PRODUCT NUMBER

51939-368\_\_  
NOTE: 3



mat'l code				SEE NOTE 2	tolerances unless otherwise specified	CUSTOMER	 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ±0.5	COPY	title	
A					0.XX ±0.25	projection	3P + 20S + 6P	
				angles	0.XXX ±0.1		RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°	MM	product family	code
				enr	Warren Du 06/27/08	scale	PwrBlade	213
				chr	Jerome Chen 06/27/08	1:1	size	sheet
				appd	Gary Hsieh 06/27/08		A	2 of 4
					Joseph Hsia 06/27/08		51939-368	
sheet index	revision sheet							

cage code 28506

Pro/E

PDM: Rev: A

STATUS: Released

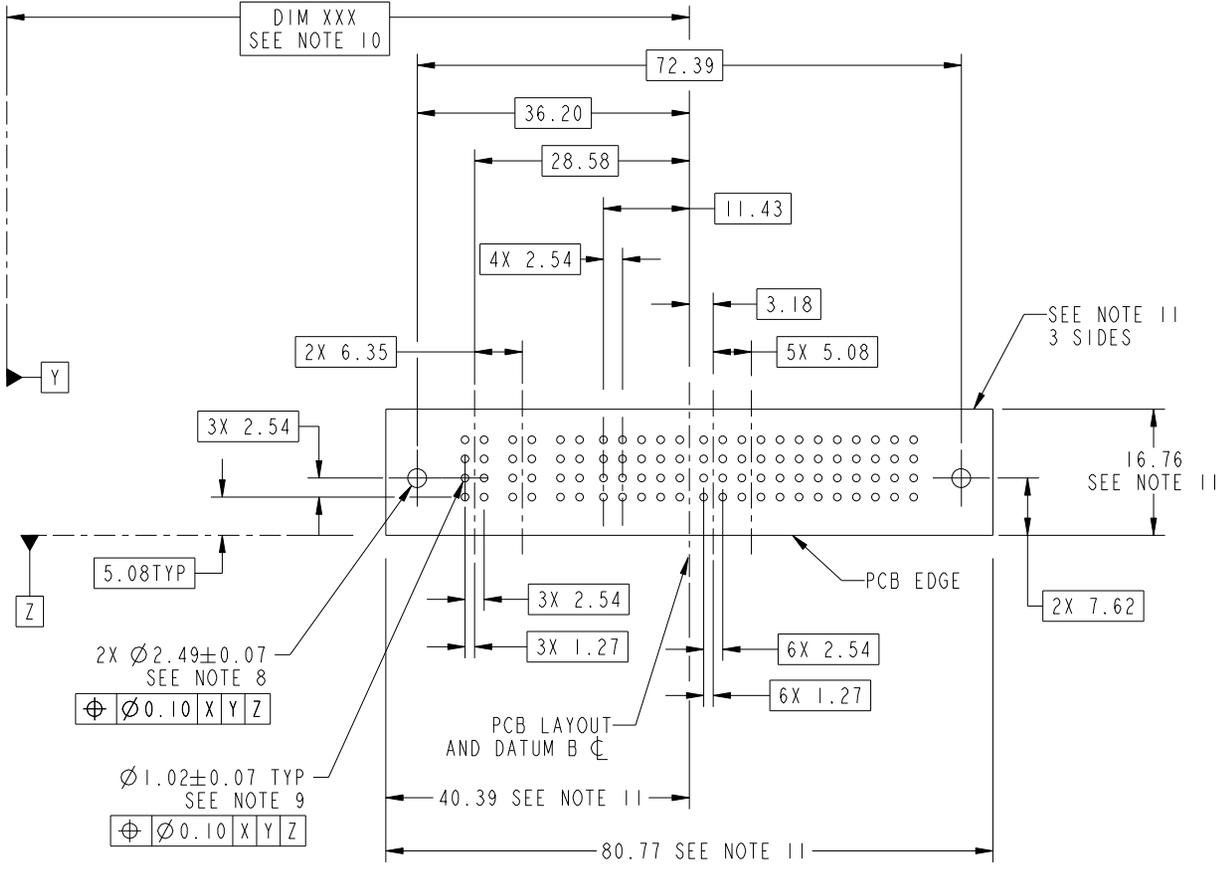
Printed: Dec 20, 2010

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PRODUCT NUMBER  
51939-368\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	0.X ± 0.5		COPY		title		
A					0.XX ± 0.25		projection		3P + 20S + 6P		
					0.XXX ± 0.1				RIGHT ANGLE SOLDER HEADER		
				angles	0° ± 2°				product family		code
				dr	Warren Du	06/27/08	MM		PwrBlade		213
				enr	Jerome Chen	06/27/08	1:1		size	dwg no	sheet
				chr	Gary Hsieh	06/27/08	A		51939-368		3 of 4
				appd	Joseph Hsia	06/27/08	A				
sheet index	revision sheet										

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3

4

PRODUCT NUMBER

51939-368--  
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. 51939-368; 51939-368LF PLATING SPEC. SEE PRINT:10064183
  - 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.  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm .07$  HOLE.
  - 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
  - 11. CONNECTOR KEEP-OUT ZONE.

A

A

B

B

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5		COPY		title 3P + 20S + 6P RIGHT ANGLE SOLDER HEADER		
A					0.XX ±0.25		projection				
					0.XXX ±0.1						
				angles	0° ±2°				product family		code
				dr	Warren Du	06/27/08	scale		PwrBlade		213
				enrg	Jerome Chen	06/27/08	1:1		size	dwg no	sheet
				chr	Gary Hsieh	06/27/08	A		51939-368		4 of 4
				appd	Joseph Hsia	06/27/08					
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev: A

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Printed: Dec 20, 2010

cage code 2856

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