

PRODUCT NO.	ROWS	POWER		SIG					POWER			
		E1	P1	P2	1	2	3	4	5	P3	P4	
51939-689-- NOTE 3	D C B A				PA	PA	UUUUUU	TTTTTT	SSSSSS	RRRRRR	PA	PA

A

B

1

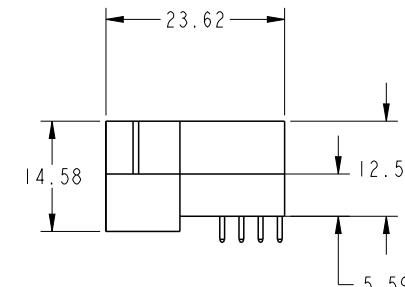
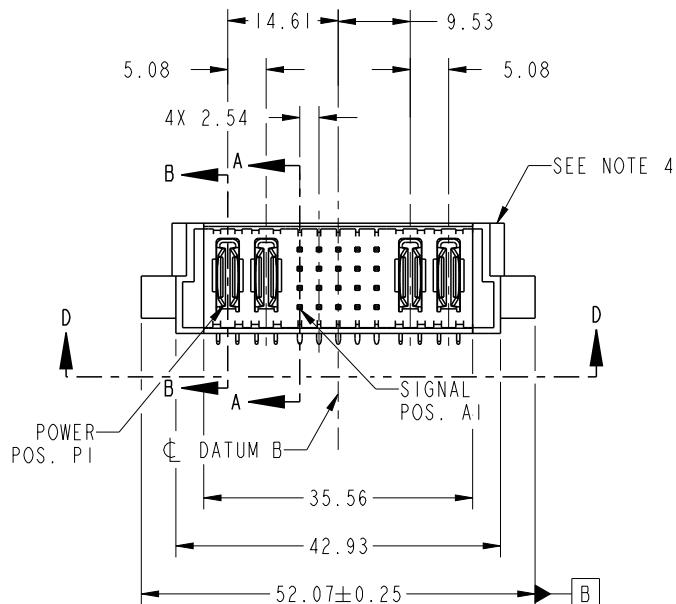
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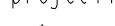
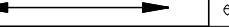
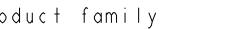
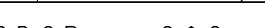
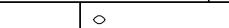
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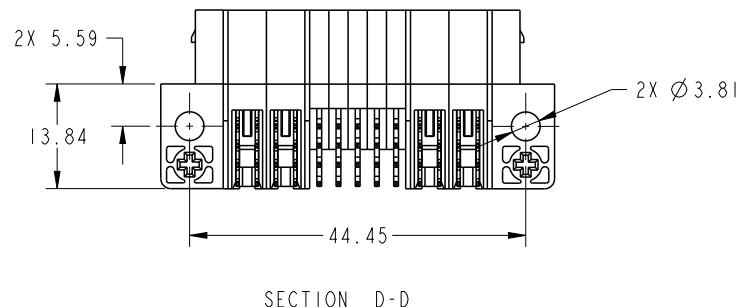
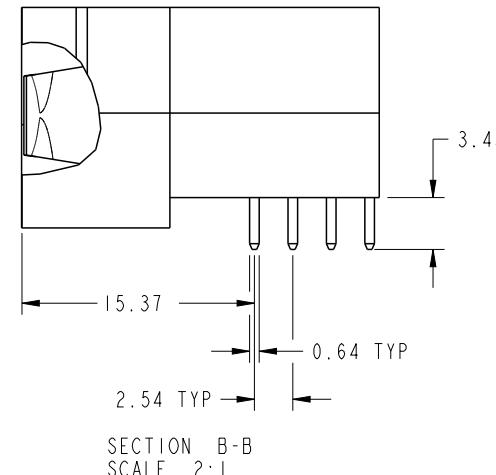
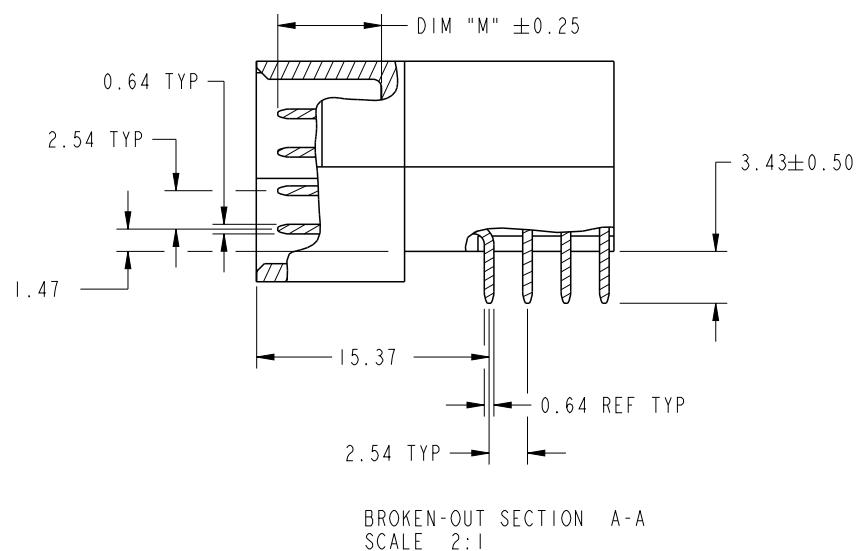
2



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

spec ref	*			dr	Luo Weller	2012/06/25			size	A4	scale			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2012/07/05			A4	1:1				
				chr	-	-				ecn no	-			
SEE NOTE				appr	Pei-Ming Zheng	2012/07/06			product family	PwrBlade	rel level			
surface	linear	0.X	±0.5		  					rev A				
		0.XX	±0.25		  									
		0.XXX	±0.1		  									
	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw	sheet 1 of 4					

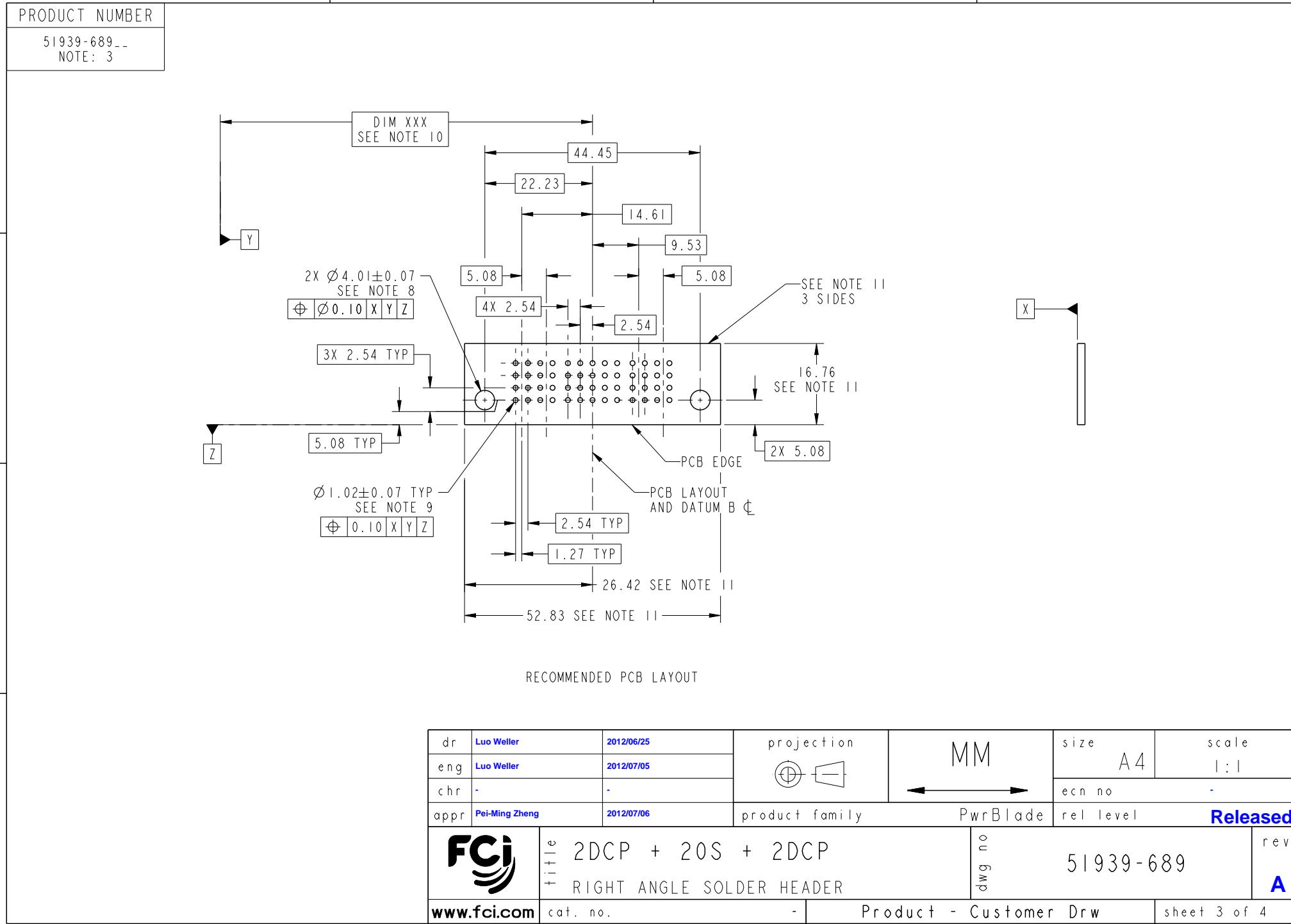
PRODUCT NUMBER

51939-689
NOTE: 3

dr	Luo Weller	2012/06/25	projection 	MM	size A4	scale 1 : 1
eng	Luo Weller	2012/07/05				
chr	-	-				
appr	Pei-Ming Zheng	2012/07/06				
product family			PwrBlade	rel level	Released	
 2DCP + 20S + 2DCP			dwg no	51939-689		rev A
+ RIGHT ANGLE SOLDER HEADER			cat. no.	Product - Customer Drw		sheet 2 of 4
www.fci.com						

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PRODUCT NUMBER	51939-689_
	NOTE: 3

NOTES:

A

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

A

CONNECTOR NOTES:

- 2.) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC

POWER CONTACT MATERIAL: COPPER ALLOY

SIGNAL PIN MATERIAL: COPPER ALLOY

B

3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-689 AND 51939-689LF RESPECTIVELY.

B

- 4.) MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149,
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

C

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

C

- 8.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

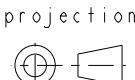
- 9.) $\phi 1.15 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\phi 1.02 \pm 0.07$ HOLE.

D

- 10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

D

- 11.) CONNECTOR KEEP-OUT ZONE.

dr	Luo Weller	2012/06/25	 product family	MM	size	A4	scale
eng	Luo Weller	2012/07/05					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2012/07/06		PwrBlade	rel level	Released	
	e	2DCP + 20S + 2DCP	dwg no	51939-689	rev		
	+	RIGHT ANGLE SOLDER HEADER					
	+						
		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4	