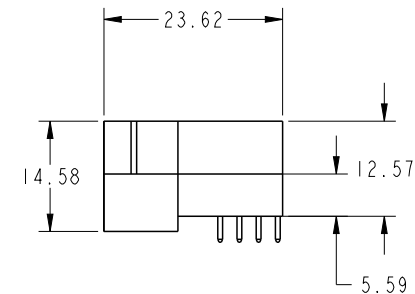
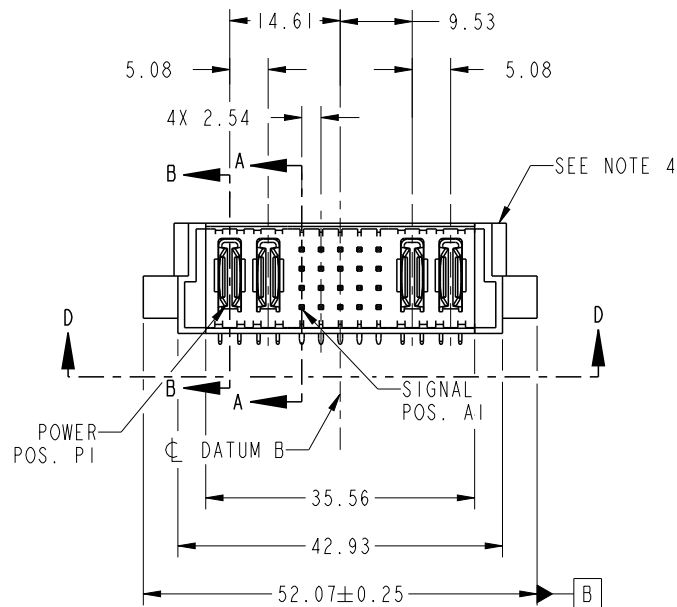




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PRODUCT NO.	ROWS	POWER					SIG					POWER				
		E1	P1	P2	1	2	3	4	5	P3	P4	E2				
51939-689-- NOTE 3	D C B A		PA	PA	UUUUUU	TTTTTT	SSSSSS	RRRRRR		PA	PA					



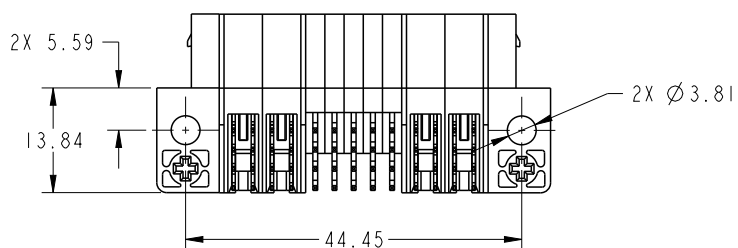
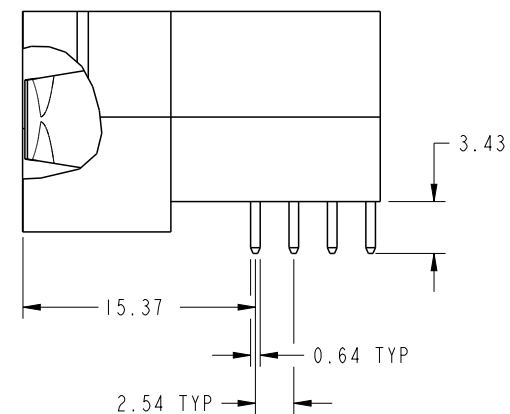
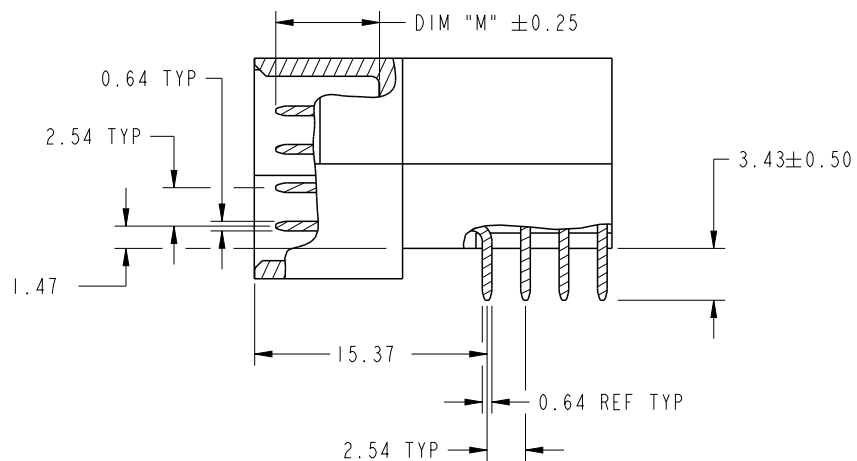
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER

spec ref		*		dr	Luo Weller	2012/06/25	projection 	MM 	size	A4	scale	1:1	
tolerance std SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2012/07/05			ecn no				-
				chr	-	-			rel level				Released
				appr	Pei-Ming Zheng	2012/07/06	product family		PwrBlade				
surface 	linear	0.X	±0.5		title 2DCP + 20S + 2DCP RIGHT ANGLE SOLDER HEADER				dwg no	51939-689		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			

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-689--
NOTE: 3

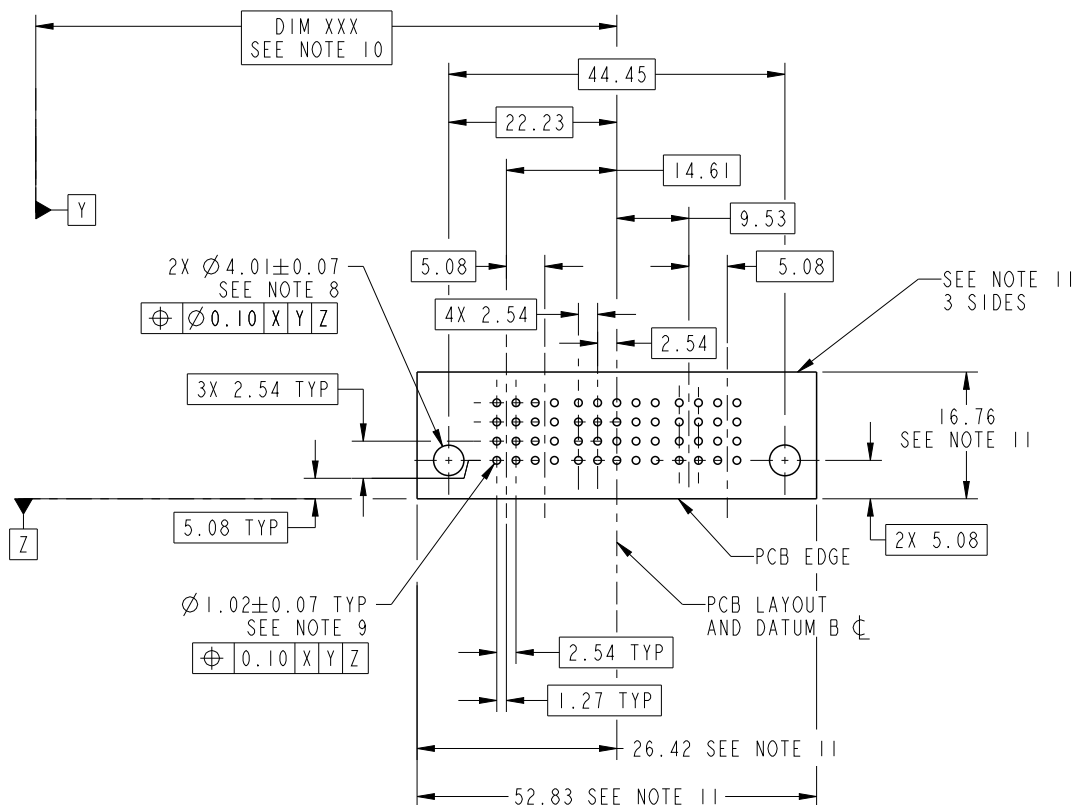


dr	Luo Weller	2012/06/25	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/07/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/07/06	product family	PwrBlade				
		title			2DCP + 20S + 2DCP	dwg no		51939-689
					RIGHT ANGLE SOLDER HEADER			rev
								A
www.fci.com		cat. no.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

ProjE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-689--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012/06/25	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/07/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/07/06	product family	PwrBlade				
		title	2DCP + 20S + 2DCP RIGHT ANGLE SOLDER HEADER		dwg no	51939-689		rev
www.fci.com		cat. no.	-	Product - Customer Drw	sheet 3 of 4			A



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PRODUCT NUMBER
51939-689--
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-689 AND 51939-689LF RESPECTIVELY.
 - 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:
- 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
 $\varnothing 1.02 \pm 0.07$ HOLE.
 - 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - 11. CONNECTOR KEEP-OUT ZONE.

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