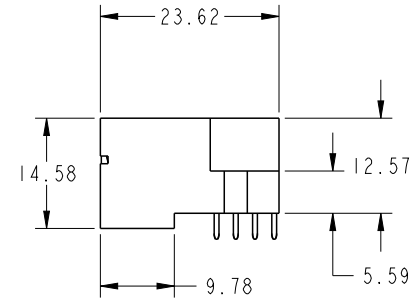
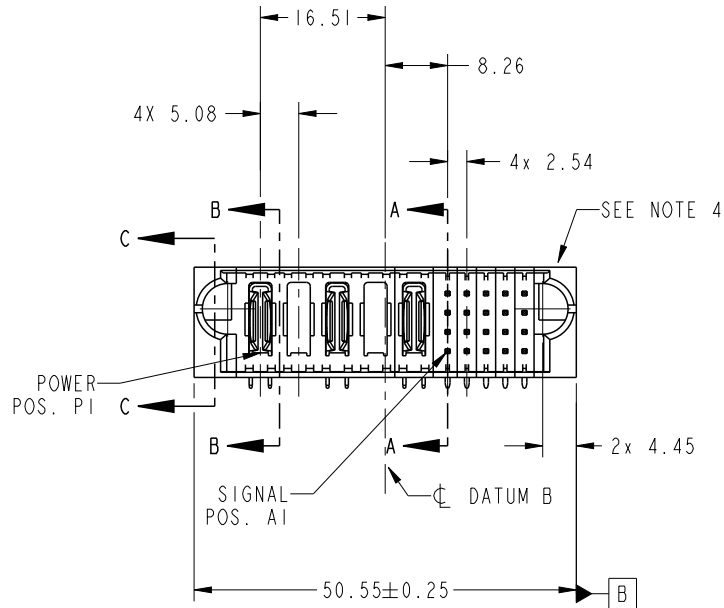


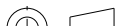




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PRODUCT NO.	ROW S	POWER					SIGNAL						
		E1	P1	P2	P3	P4	P5	1	2	3	4	5	E2
51939-768-- NOTE 3	D C B A		PA	X	PA	X	PA	UUUUU	TTTTT	SSSSS	EEEEEE		



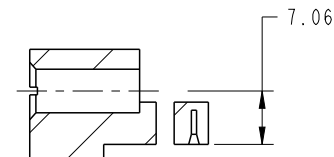
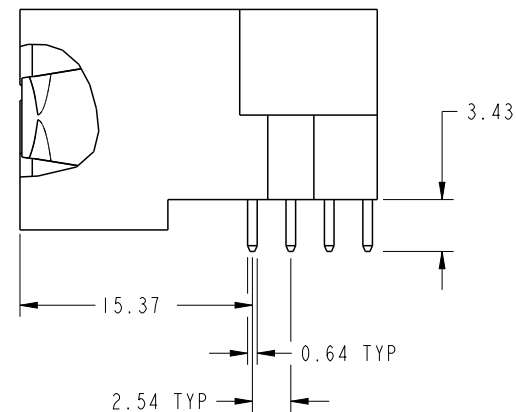
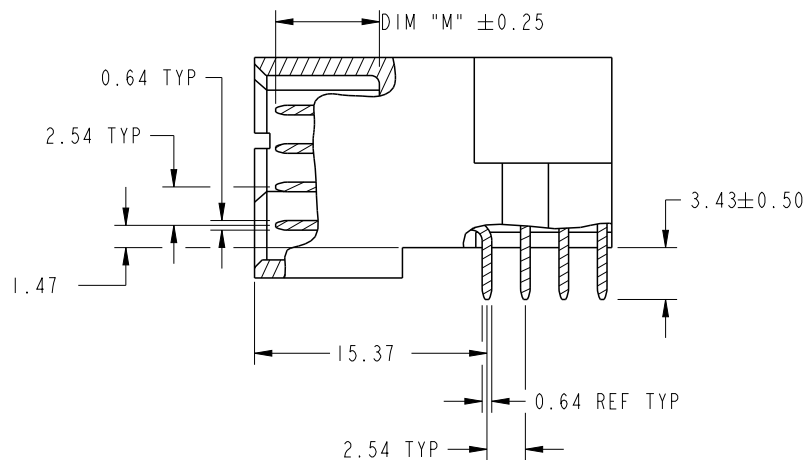
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
X	[N/A]	OMITTED

spec ref *		dr		Ruan MT	2013/05/02	projection 	MM 	size	A4	scale	1:1	
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT			2013/05/20	ecn no -			
				chr	-			-	rel level Released			
		appr		Pei-Ming Zheng	2013/05/20	product family		PwrBlade				
surface ✓ ASME Y14.5	linear	0.X	±0.5		title 5DCP + 20S RIGHT ANGLE SOLDER HEADER				dwg no	51939-768		rev A
		0.XX	±0.25									
		0.XXX	±0.1									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.		-		Product - Customer Drw		sheet 1 of 4	

Print File - REV C - 2009-06-09

PRODUCT NUMBER

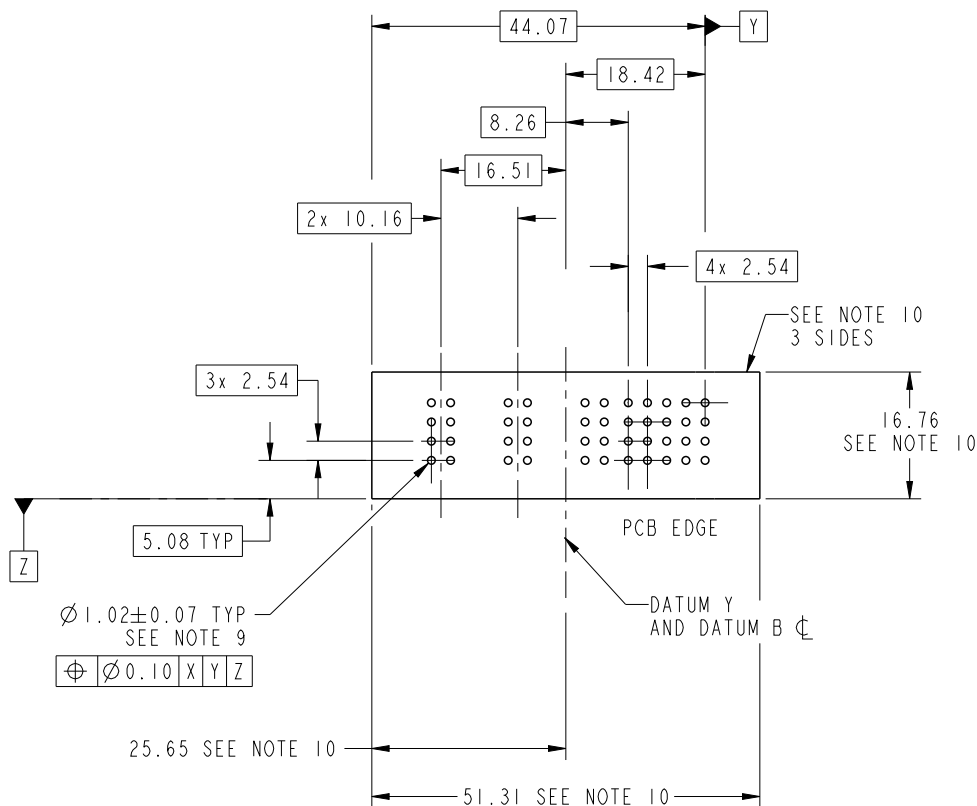
51939-768--
NOTE: 3



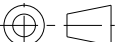


dr	Ruan MT	2013/05/02	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2013/05/20			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/05/20	product family	PwrBlade				
	title	5DCP + 20S RIGHT ANGLE SOLDER HEADER	dwg no	51939-768	rev	A		
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4				

PRODUCT NUMBER

51939-768--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/05/02	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Ruan MT	2013/05/20			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2013/05/20	product family		PwrBlade				
<div></div>		title				5DCP + 20S		rev	
						RIGHT ANGLE SOLDER HEADER		A	
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER
51939-768--
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 51939-768 AND 51939-768LF RESPECTIVELY.
- 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE MARK 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. CONNECTOR KEEP-OUT ZONE.

dr	Ruan MT	2013/05/02	<div>projection</div>	<div>MM</div>	size	A4	scale	1:1	
eng	Ruan MT	2013/05/20			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2013/05/20	product family		PwrBlade	rel level		Released	
	title				5DCP + 20S		dwg no	51939-768	rev
					RIGHT ANGLE SOLDER HEADER				
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4	