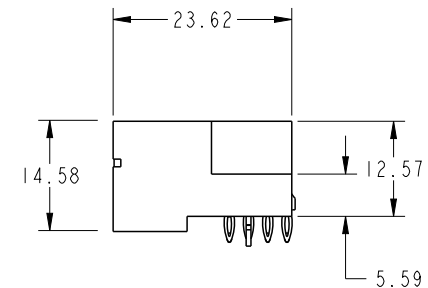
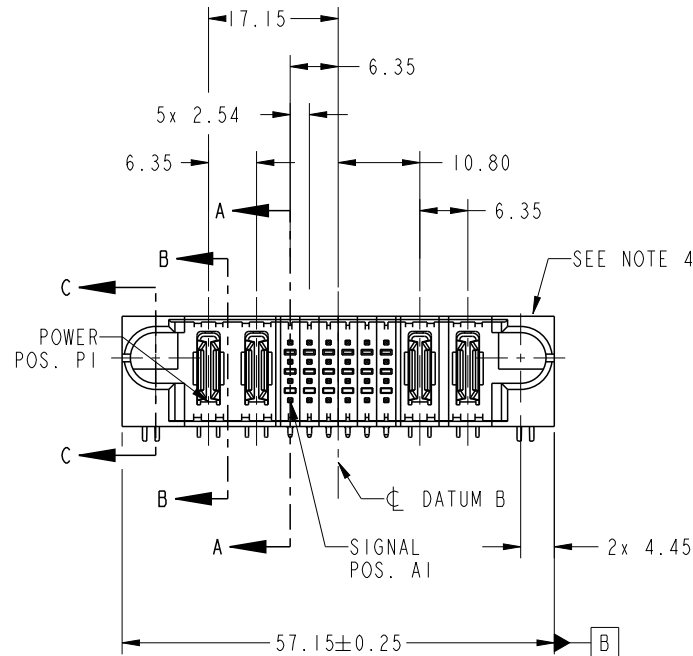


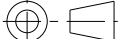


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PRODUCT NO.	ROW S		POWER		SIGNAL						POWER		
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2
51939-959NSP-- NOTE 3	D C B A		PX	PX	LD	SD	SD	SD	SD	LD	PX	PX	
					SC	SC	SC	SC	SC	SC			
					SB	SB	SB	SB	SB	SB			
					SA	SA	SA	SA	SA	SA			



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
SA	[6.86]	SIGNAL
SB	[6.86]	SIGNAL
SC	[6.86]	SIGNAL
LD	[5.59]	SIGNAL
SD	[6.86]	SIGNAL
PX	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
LD	[5.59]	SIGNAL

spec ref		*		dr		Ruan MT	2015/03/06	projection 	MM 	size	A4	scale	1:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Ruan MT	2015/04/09			ecn no	-		
				chr		Fancy Zhang	2015/04/08						
				appr		Pei-Ming Zheng	2015/04/08					product family	
surface ASME Y14.5	linear 	0.X	±0.5		title 2P + 24S + 2P RIGHT ANGLE PF HEADER				dwg no	51939-959NSP		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

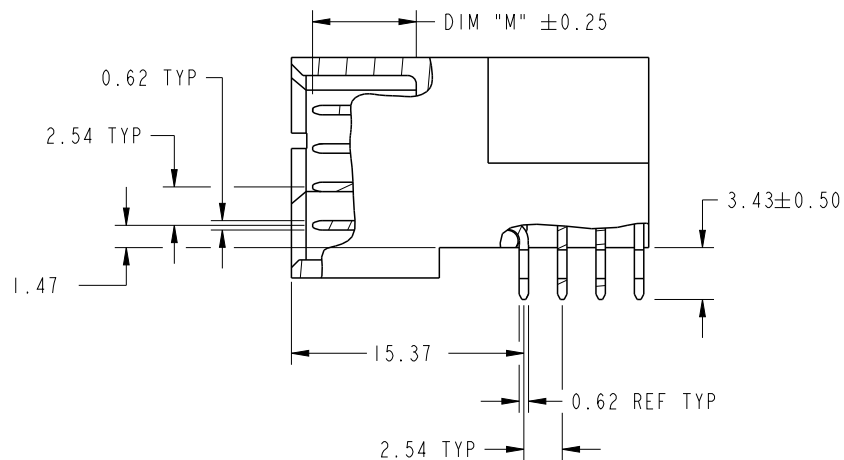
PDS: Rev :A

STATUS:Released

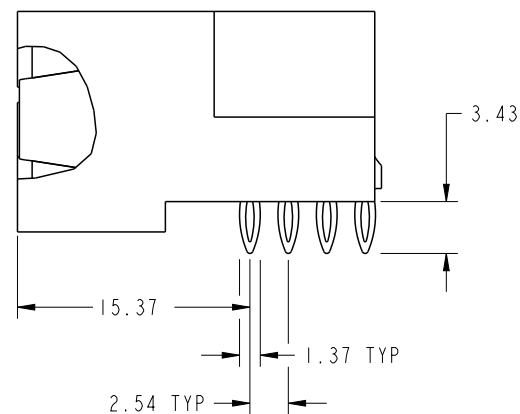
Printed: Apr 09, 2015

PRODUCT NUMBER

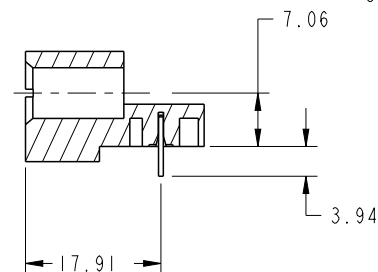
51939-959NSP--
NOTE: 3



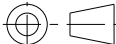
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

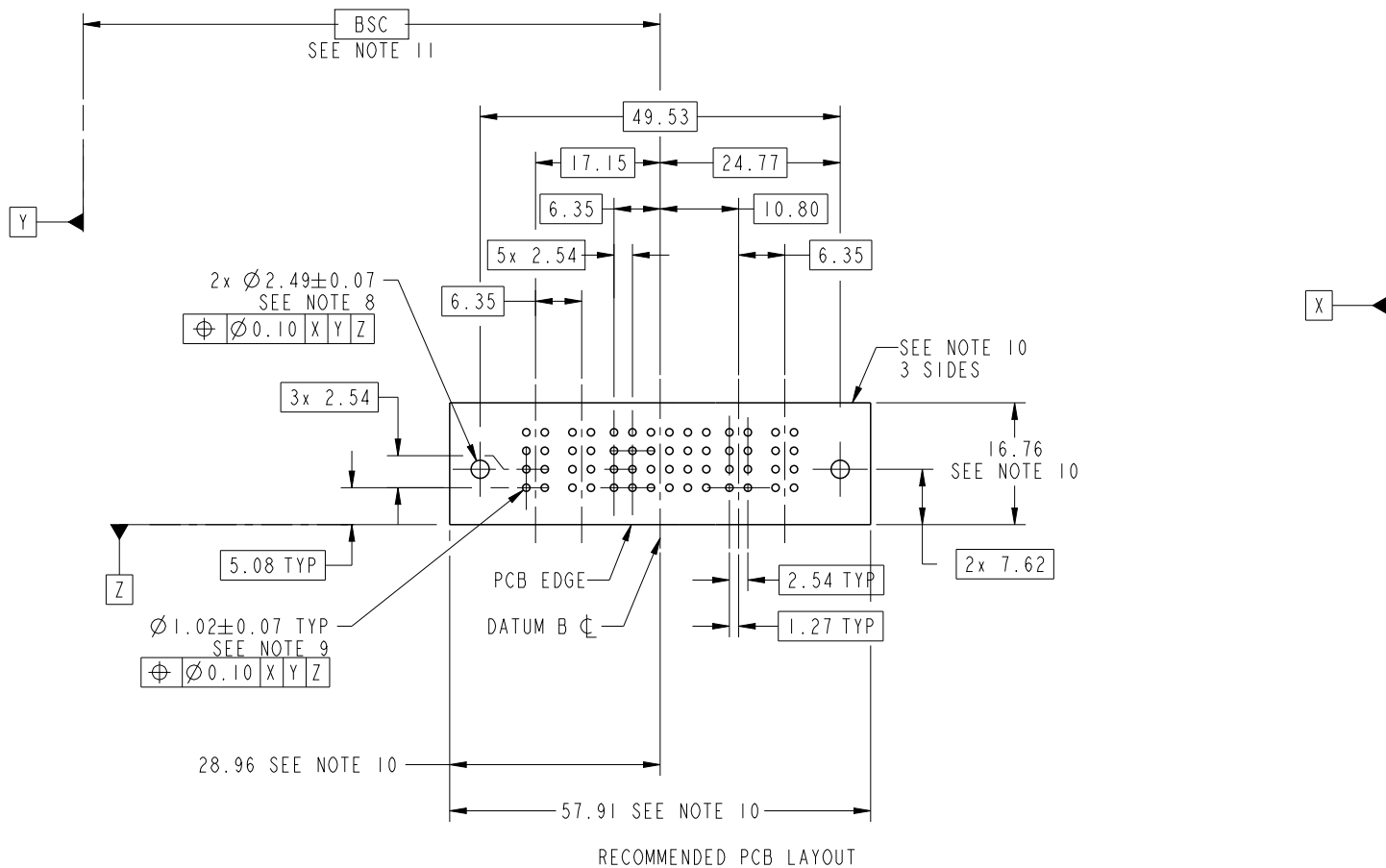


SECTION C-C

dr	Ruan MT	2015/03/06	projection 	MM 	size	A4	scale	1:1					
eng	Ruan MT	2015/04/09			ecn no	-	rel level	Released					
chr	Fancy Zhang	2015/04/08											
appr	Pei-Ming Zheng	2015/04/08	product family			PwrBlade							
		title				2P + 24S + 2P		dwg no	51939-959NSP	rev	A		
		RIGHT ANGLE PF HEADER											
www.fci.com		cat. no.		-	Product - Customer Drw					sheet 2 of 4			

PRODUCT NUMBER

51939-959NSP--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2015/03/06	projection	MM	size	A4	scale	1:1		
eng	Ruan MT	2015/04/09			ecn no	-				
chr	Fancy Zhang	2015/04/08			rel level	Released				
appr	Pei-Ming Zheng	2015/04/08	product family		PwrBlade					
			title			2P + 24S + 2P	dwg no		rev	
			RIGHT ANGLE PF HEADER			51939-959NSP		A		
www.fci.com			cat. no.	-	Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER
51939-959NSP--
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51939-959NSP AND 51939-959NSPLF 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.
- 11. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

dr	Ruan MT	2015/03/06	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2015/04/09			ecn no	-		
chr	Fancy Zhang	2015/04/08						
appr	Pei-Ming Zheng	2015/04/08	product family		PwrBlade	rel level	Released	
		title			2P + 24S + 2P	dwg no		rev
					RIGHT ANGLE PF HEADER	51939-959NSP		A
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4