











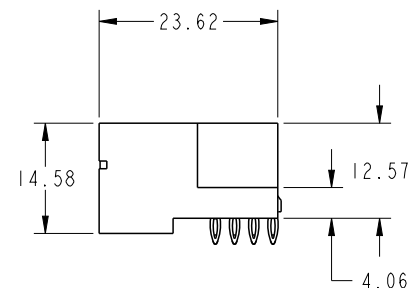
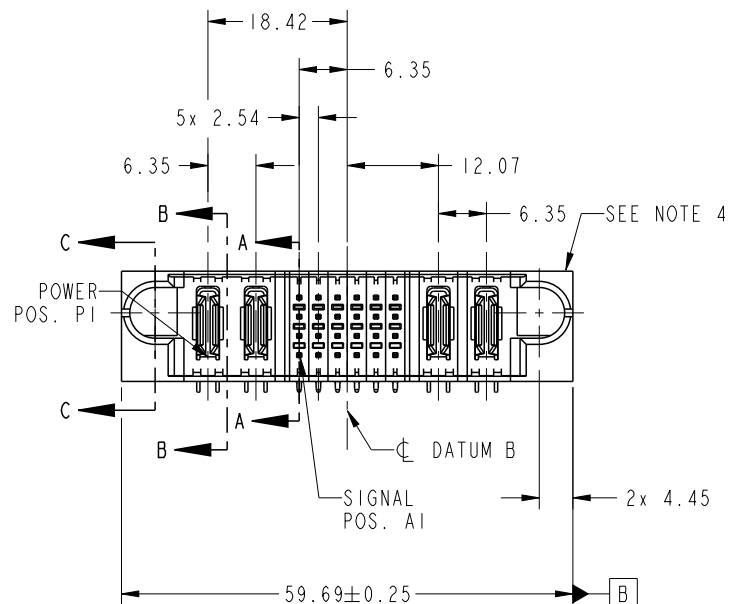


PRODUCT NO.	ROWS		POWER		SIGNAL						POWER		
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2
51939-88INSP_-- NOTE 3	D C B A												



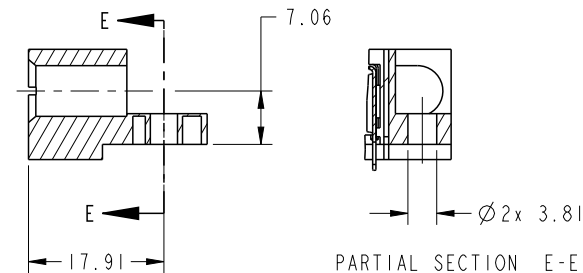
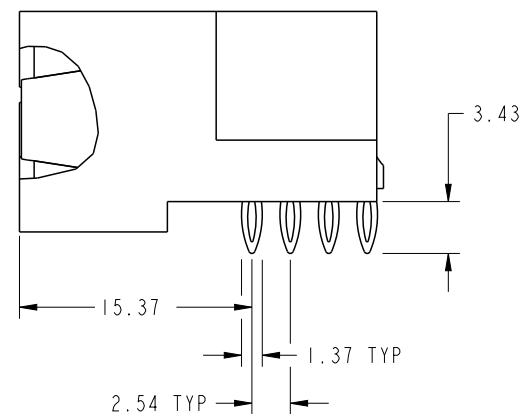
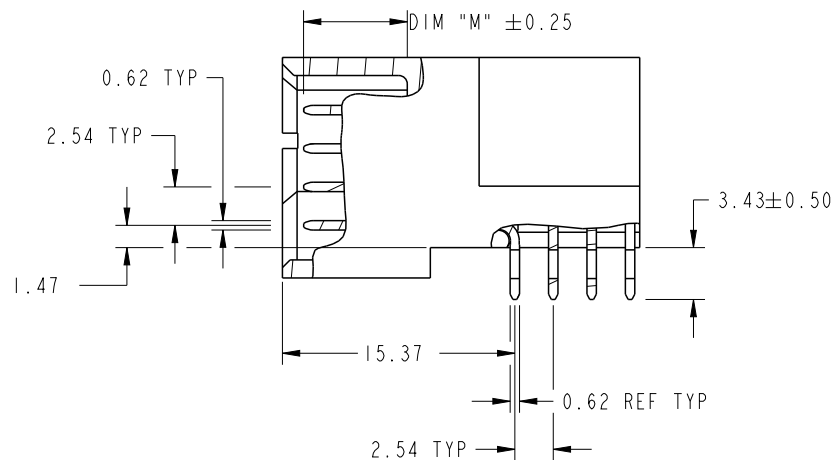
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
SA	[6.86]	SIGNAL
SB	[6.86]	SIGNAL
SC	[6.86]	SIGNAL
SD	[6.86]	SIGNAL
PX	[N/A]	POWER
LD	[5.59]	SIGNAL
LB	[5.59]	SIGNAL

spec ref		*	dr		Ruan MT	2014/05/18	projection		MM		size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ruan MT	2014/06/30					ecn no	-		
ASME Y14.5			chr		-	-								
			appr		Pei-Ming Zheng	2014/06/30	product family		PwrBlade	rel level				Released
surface		linear	0.X	±0.5		title					dwg no	51939-88INSP		rev
			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	A

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-88INSP--  
NOTE: 3

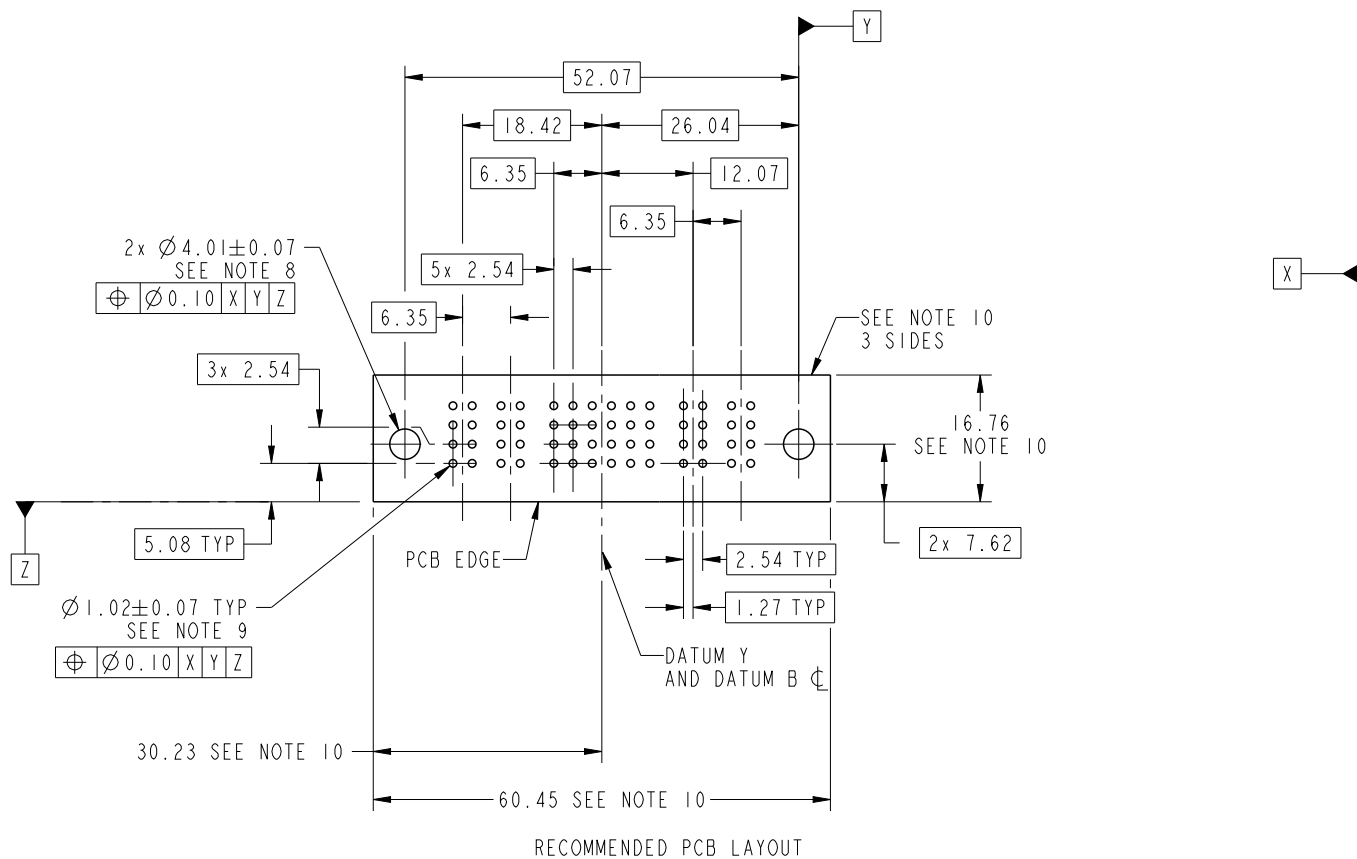


SECTION C-C

dr	Ruan MT	2014/05/18	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/06/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/06/30	product family	PwrBlade				
	title	2P + 24S + 2P RIGHT ANGLE PF HEADER			dwg no	51939-88INSP		
www.fci.com	cat. no.	-	Product - Customer Drw				sheet	2 of 4
							rev	A

# PRODUCT NUMBER

51939-88INSP--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/05/18	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/06/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/06/30	product family	PwrBlade				
FCI		title	2P + 24S + 2P RIGHT ANGLE PF HEADER		dwg no	51939-88INSP		rev
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 3 of 4	

## PRODUCT NUMBER

51939-88INSP--  
NOTE: 3

## NOTES:

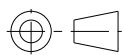
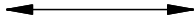

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

## 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 51939-88INSP AND 51939-88INSPLF 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	2014/05/18	<div>projection</div> 	<div>MM</div> 	size	A4	scale	1:1		
eng	Ruan MT	2014/06/30			ecn no -					
chr	-	-								
appr	Pei-Ming Zheng	2014/06/30	product family		PwrBlade	rel level Released				
		title			2P + 24S + 2P			dwg no	51939-88INSP	rev
		RIGHT ANGLE PF HEADER						A		
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 4 of 4	