























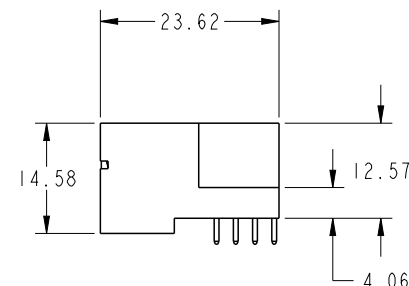
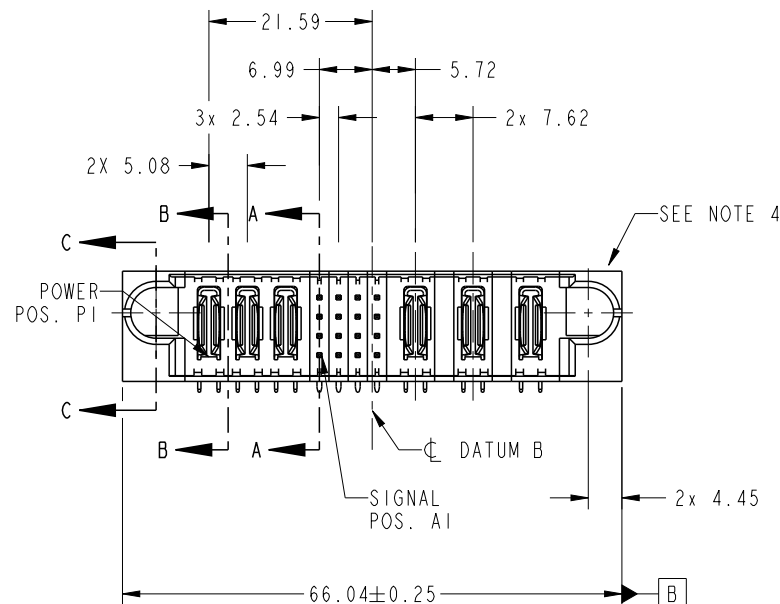
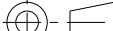




PRODUCT NO.	ROWS	POWER				SIGNAL				POWER			E2
		E1	P1	P2	P3	1	2	3	4	P4	P5	P6	
51939-893-- NOTE 3	D C B A												
													
													
													



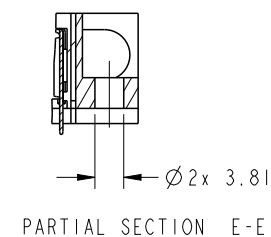
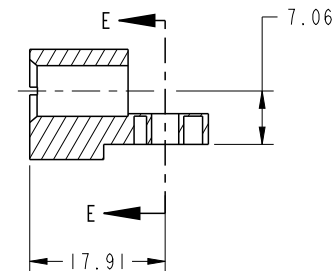
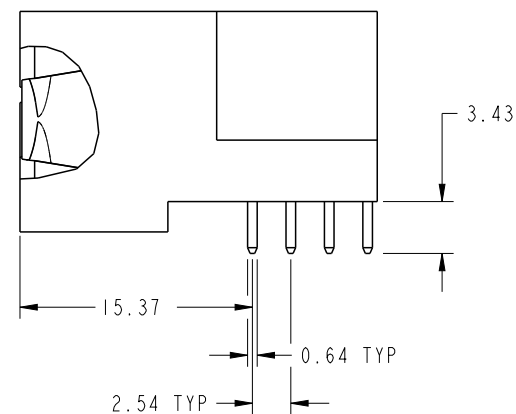
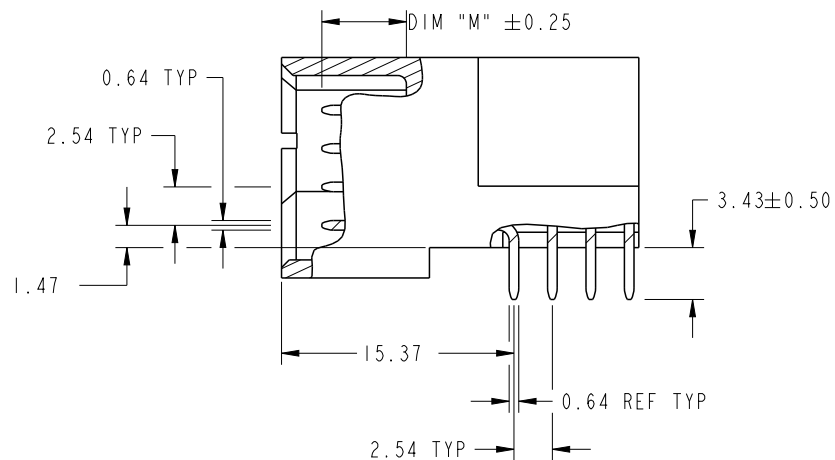
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
PA	[N/A]	POWER

spec ref		*	dr		Ruan MT	2014/06/20	projection 	MM 	size	A4	scale	1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ruan MT	2014/07/03			ecn no	-				
ASME Y14.5			chr		-	-								
			appr		Pei-Ming Zheng	2014/07/03	product family		PwrBlade		rel level		Released	
surface ✓	linear	0.X	±0.5			title	3DCP + 16S + 3ACP				dwg no	51939-893		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	

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-893--  
NOTE: 3

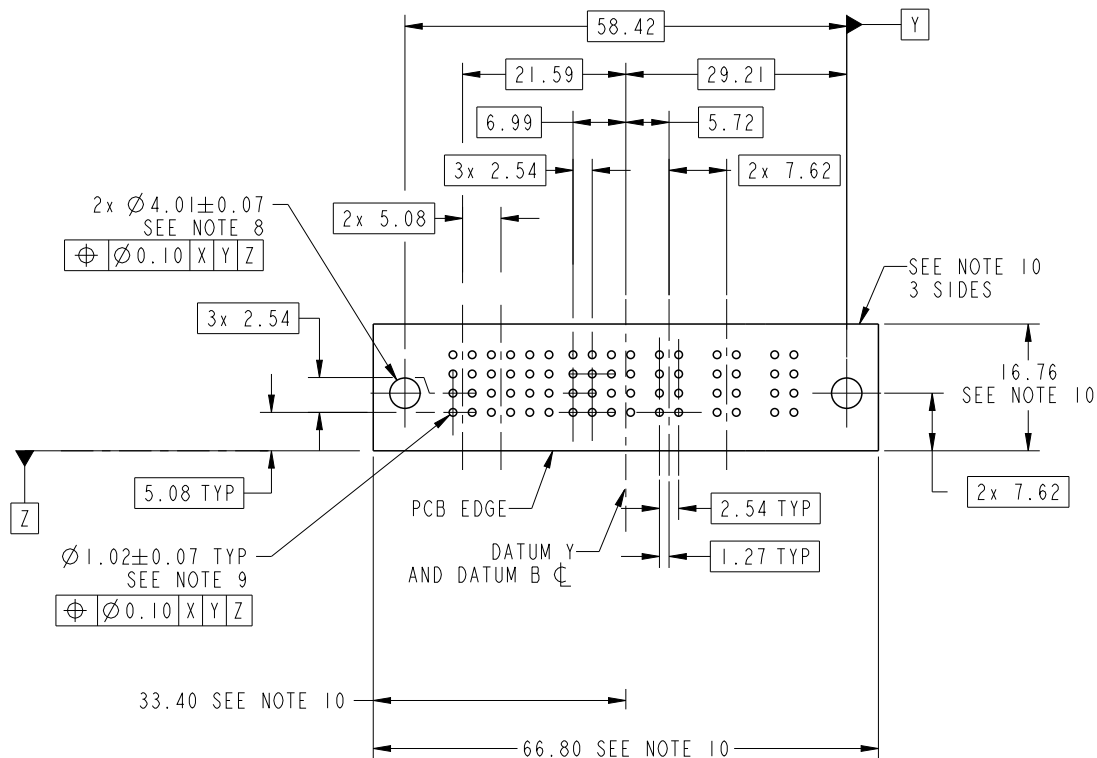


SECTION C-C

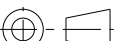


dr	Ruan MT	2014/06/20	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/07/03			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/07/03	product family	PwrBlade				
	title	3DCP + 16S + 3ACP RIGHT ANGLE XXX HEADER			dwg no	51939-893		rev
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 4	

# PRODUCT NUMBER

51939-893\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/06/20	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Ruan MT	2014/07/03			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade			
	title	3DCP + 16S + 3ACP RIGHT ANGLE XXX HEADER			dwg no	51939-893		rev
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER  
51939-893\_\_  
NOTE: 3

NOTES:

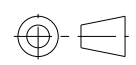
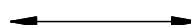

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH  
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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 51939-893 AND 51939-893LF 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	2014/06/20			size	A4	scale	1:1	
eng	Ruan MT	2014/07/03			ecn no			-	
chr	-	-							
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade	rel level		Released	
	title				dwg no		rev		
	3DCP + 16S + 3ACP				51939-893		A		
	RIGHT ANGLE XXX HEADER								
www.fci.com	cat. no.		-	Product - Customer Drw			sheet 4 of 4		