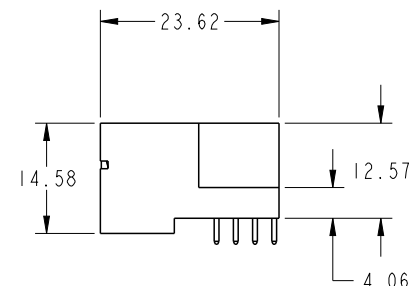
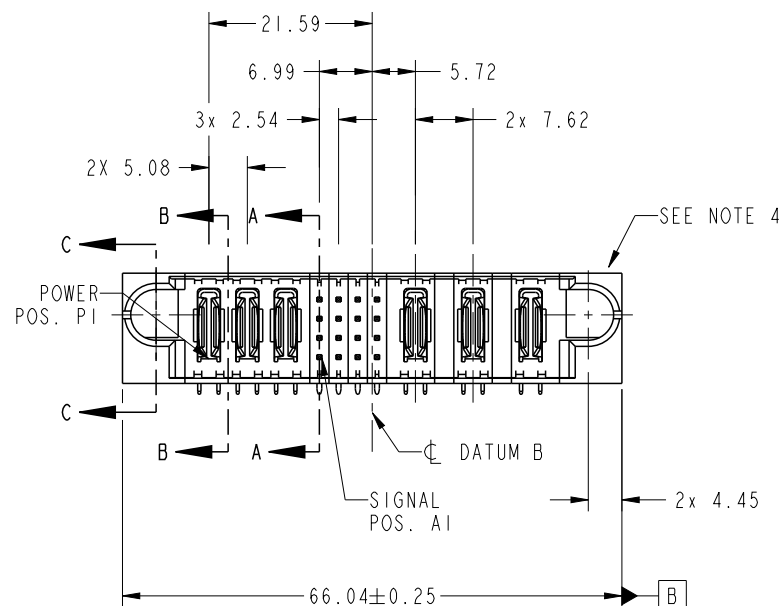


PRODUCT NO.	ROWS	POWER			SIGNAL				POWER			E2	
		E1	P1	P2	P3	1	2	3	4	P4	P5		P6
51939-893-- NOTE 3	D C B A		 PA	 PA	 PA	 U	 H	 H	 H	 PA	 PA	 PA	
						 T	 G	 G	 G				
						 F	 F	 F	 F				
						 E	 E	 E	 E				



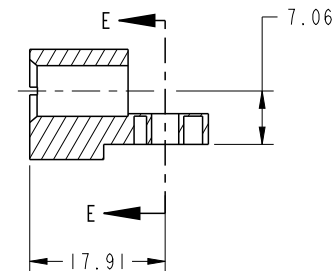
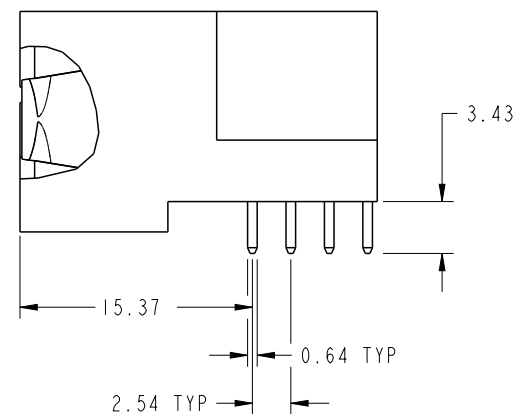
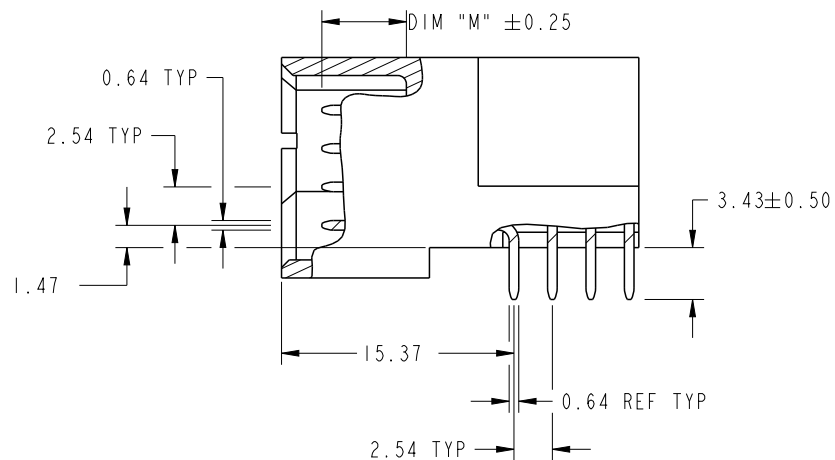
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
PA	[N/A]	POWER

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	-	-					rel level		Released	
				appr	Pei-Ming Zheng	2014/07/03	product family			PwrBlade				
surface	✓	linear	0.X	±0.5		title	3DCP + 16S + 3ACP			dwg no	51939-893		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			

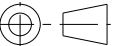
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-893--
NOTE: 3

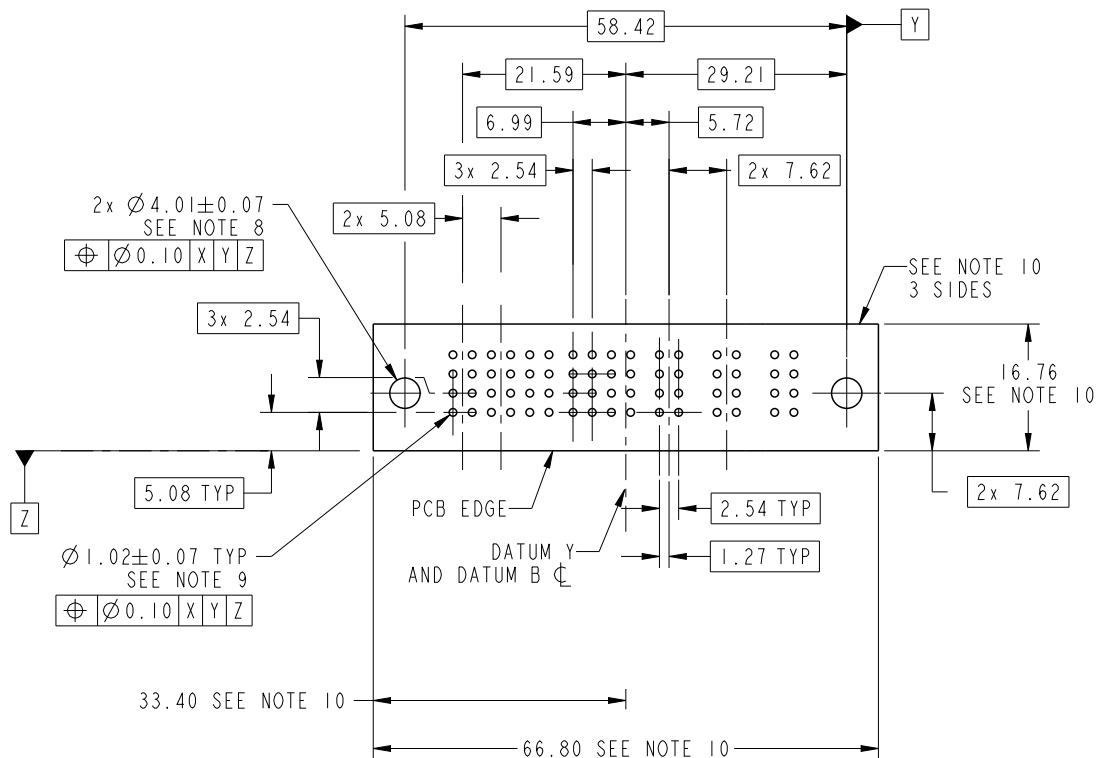


SECTION C-C

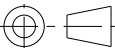
dr	Ruan MT	2014/06/20	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/07/03			ecn no	-		
chr	-	-			rel level			
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade			
	title 3DCP + 16S + 3ACP RIGHT ANGLE XXX HEADER				dwg no 51939-893	rev A		
www.fci.com	cat. no.		-	Product - Customer Drw			sheet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

PRODUCT NUMBER

51939-893__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/06/20	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			rev	
		RIGHT ANGLE XXX HEADER			dwg no			A	
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	projection	MM	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				3DCP + 16S + 3ACP			dwg no	51939-893		rev	A
RIGHT ANGLE XXX HEADER												
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 4 of 4			