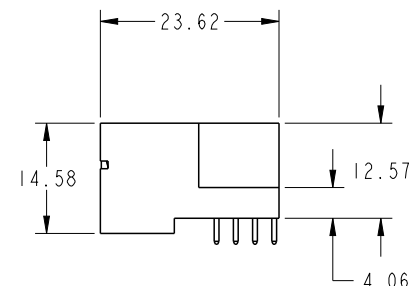
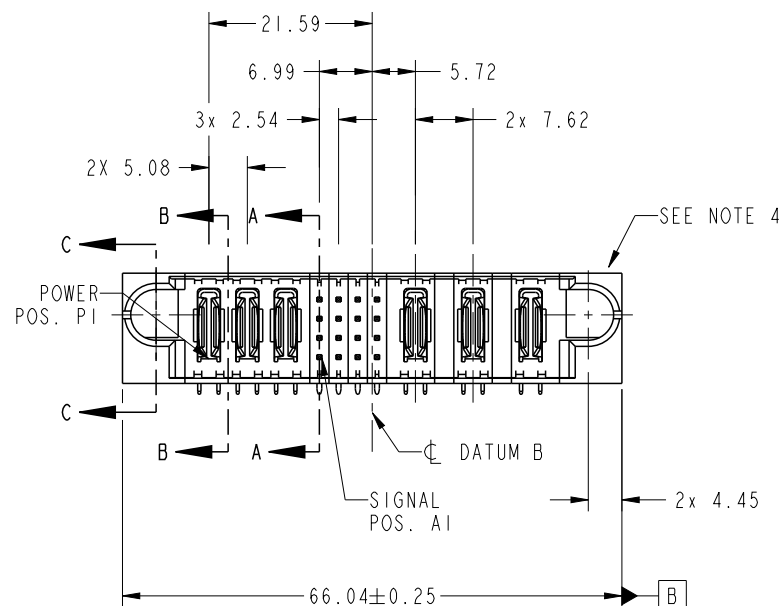


PRODUCT NO.	ROWS	POWER				SIGNAL				POWER			E2
		E1	P1	P2	P3	1	2	3	4	P4	P5	P6	
51939-893-- NOTE 3	D C B A												
													
													
													



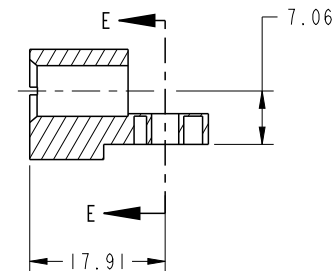
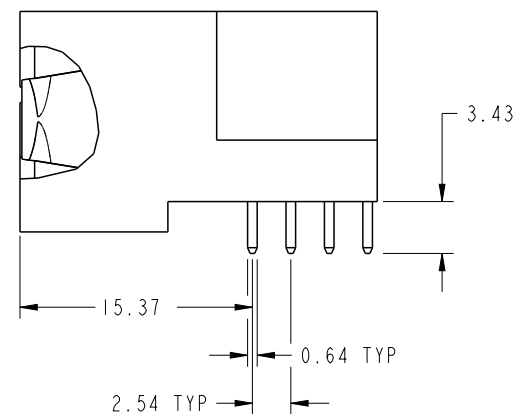
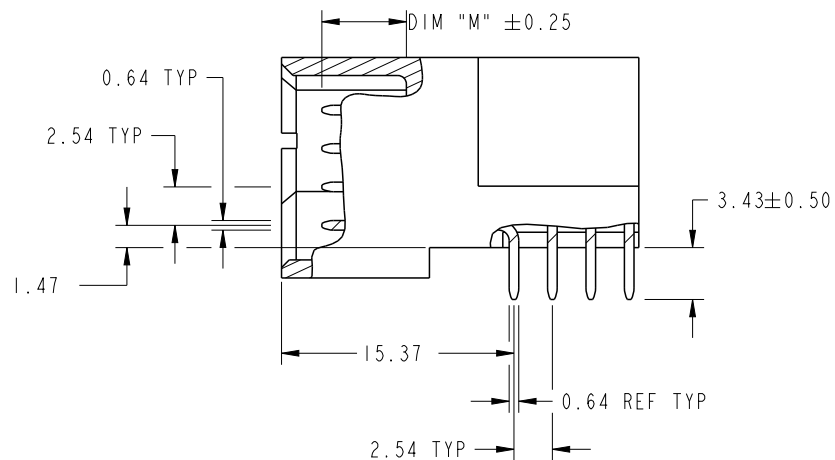
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
PA	[N/A]	POWER

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	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

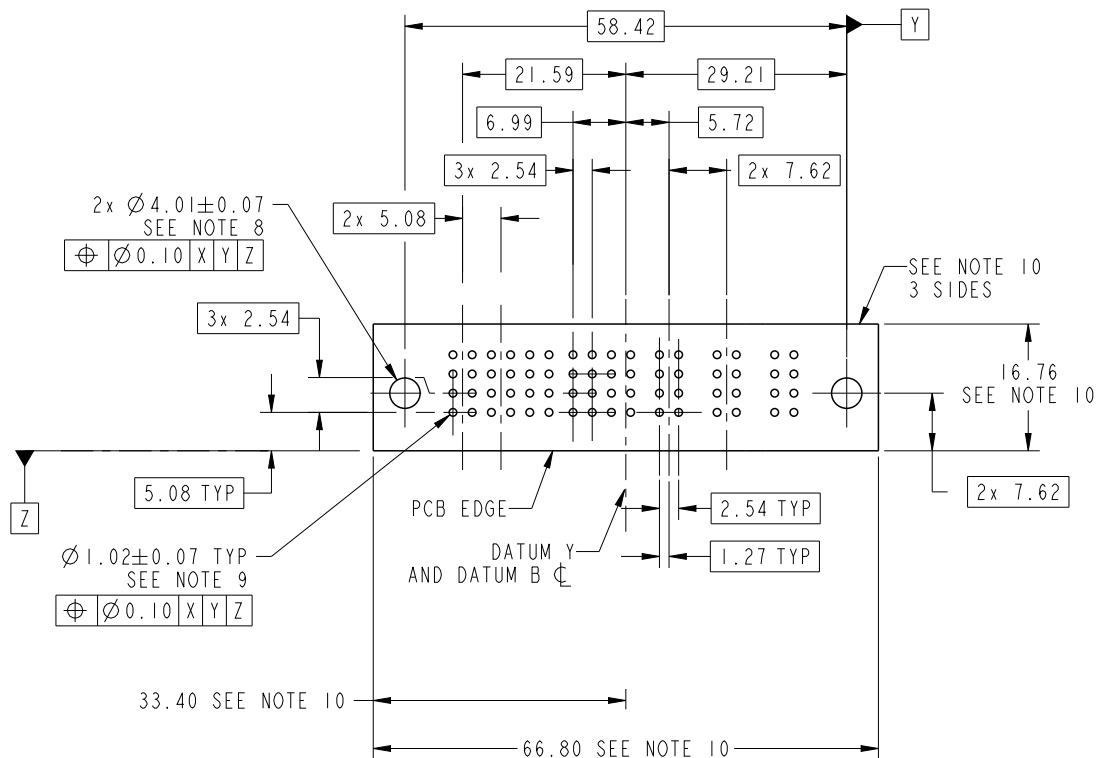


SECTION C-C

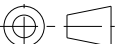
dr	Ruan MT	2014/06/20	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/07/03			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/07/03	product family	PwrBlade				
FCI		title			3DCP + 16S + 3ACP	dwg no	51939-893	rev
www.fci.com		cat. no.			-	Product - Customer Drw		sheet 2 of 4
		RIGHT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

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			dwg no	51939-893		rev	
		RIGHT ANGLE XXX HEADER				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		rev
					RIGHT ANGLE XXX HEADER			51939-893		A
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 4 of 4	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

<u>51939-003LF</u>	<u>51939-004LF</u>	<u>51939-011LF</u>	<u>51939-014LF</u>	<u>51939-016LF</u>	<u>51939-023LF</u>	<u>51939-025LF</u>	<u>51939-026LF</u>
<u>51939-031LF</u>	<u>51939-037LF</u>	<u>51939-042LF</u>	<u>51939-043LF</u>	<u>51939-044LF</u>	<u>51939-045LF</u>	<u>51939-046LF</u>	<u>51939-055LF</u>
<u>51939-059LF</u>	<u>51939-060LF</u>	<u>51939-062LF</u>	<u>51939-065LF</u>	<u>51939-067LF</u>	<u>51939-070LF</u>	<u>51939-077LF</u>	<u>51939-086LF</u>
<u>51939-090LF</u>	<u>51939-096LF</u>	<u>51939-119LF</u>	<u>51939-122LF</u>	<u>51939-252LF</u>	<u>51939-259LF</u>	<u>51939-141LF</u>	<u>51939-255LF</u>
<u>51939-267LF</u>	<u>51939-275LF</u>	<u>51939-279LF</u>	<u>51939-281LF</u>	<u>51939-282LF</u>	<u>51939-284LF</u>	<u>51939-140LF</u>	<u>51939-631LF</u>
<u>51939-636LF</u>	<u>51939-637LF</u>	<u>51939-074LF</u>	<u>51939-012LF</u>	<u>51939-015LF</u>	<u>51939-030LF</u>	<u>51939-049LF</u>	<u>51939-069LF</u>
<u>51939-072LF</u>	<u>51939-079LF</u>	<u>51939-081LF</u>	<u>51939-083LF</u>	<u>51939-084LF</u>	<u>51939-092LF</u>	<u>51939-104LF</u>	<u>51939-105LF</u>
<u>51939-107LF</u>	<u>51939-111LF</u>	<u>51939-112LF</u>	<u>51939-114LF</u>	<u>51939-118LF</u>	<u>51939-125LF</u>	<u>51939-126LF</u>	<u>51939-129LF</u>
<u>51939-130LF</u>	<u>51939-132LF</u>	<u>51939-134LF</u>	<u>51939-135LF</u>	<u>51939-136LF</u>	<u>51939-137LF</u>	<u>51939-138LF</u>	<u>51939-139LF</u>
<u>51939-144LF</u>	<u>51939-157LF</u>	<u>51939-158LF</u>	<u>51939-159LF</u>	<u>51939-160LF</u>	<u>51939-163LF</u>	<u>51939-166LF</u>	<u>51939-171LF</u>
<u>51939-178LF</u>	<u>51939-180LF</u>	<u>51939-181LF</u>	<u>51939-182LF</u>	<u>51939-183LF</u>	<u>51939-184LF</u>	<u>51939-185LF</u>	<u>51939-186LF</u>
<u>51939-189LF</u>	<u>51939-192LF</u>	<u>51939-193LF</u>	<u>51939-196LF</u>	<u>51939-197LF</u>	<u>51939-199LF</u>	<u>51939-201LF</u>	<u>51939-209LF</u>
<u>51939-210LF</u>	<u>51939-211LF</u>	<u>51939-213LF</u>	<u>51939-214LF</u>				