

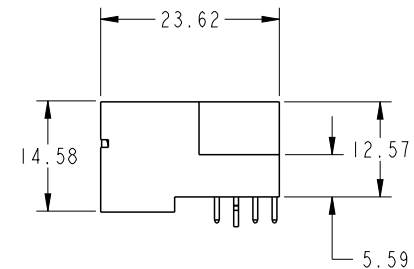
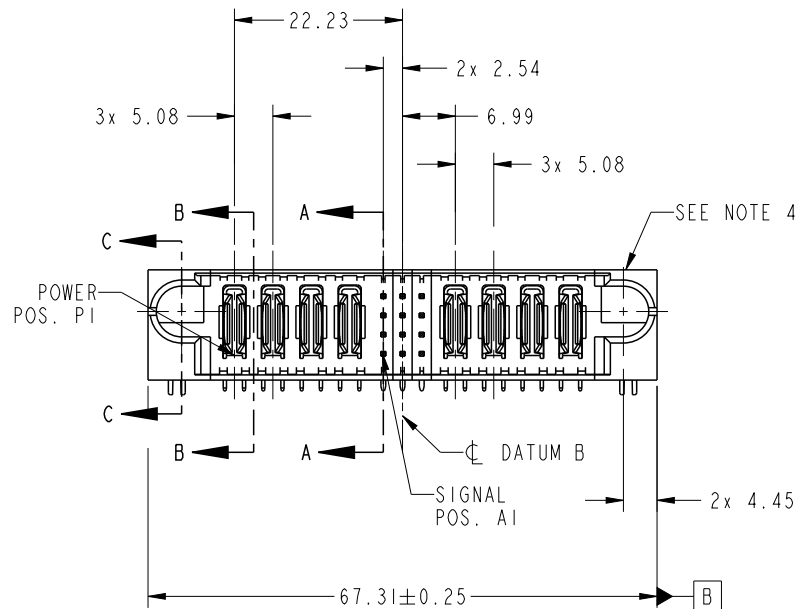


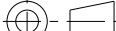





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PRODUCT NO.	ROWS	POWER				SIGNAL			POWER				E2			
		E1	P1	P2	P3	P4	1	2	3	P5	P6	P7			P8	
51939-996LHLF	DCBA		PA	PA	PA	PA	UU	TT	SS	RR	PA	PA	PA	PA		LOW HALOGEN VERSION



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
T	[6.86]	SIGNAL
G	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

spec ref		*		dr		Fang Qian		2015/12/15		projection		MM		size		A4		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Fang Qian		2015/12/24						ecn no		-		rel level		Released							
ASME Y14.5				chr		Fancy Zhang		2015/12/23																			
				appr		Pei-Ming Zheng		2015/12/24														product family		PwrBlade			
surface				linear		0.X		±0.5				title		4P + 12S + 4P		dwg no		51939-996LH		rev		A					
ASME Y14.5																								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

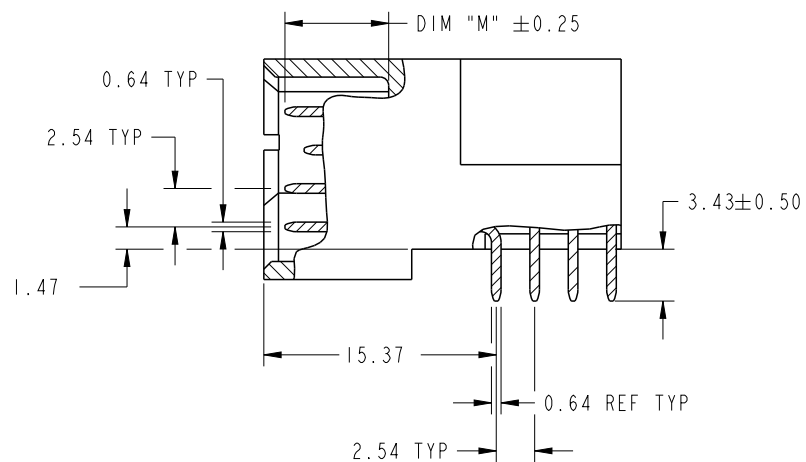
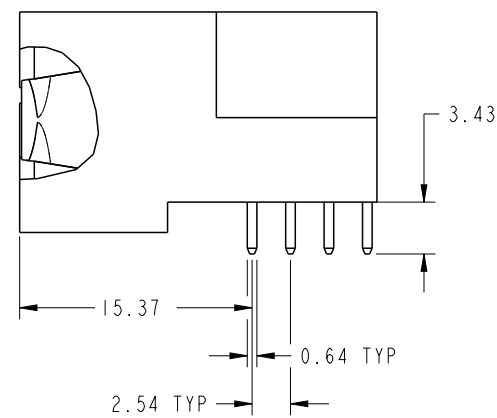
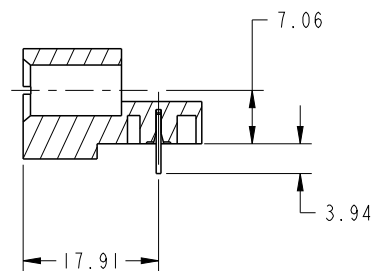
PDS: Rev :A

STATUS:Released

Printed: Dec 24, 2015

PRODUCT NUMBER

51939-996LHLF

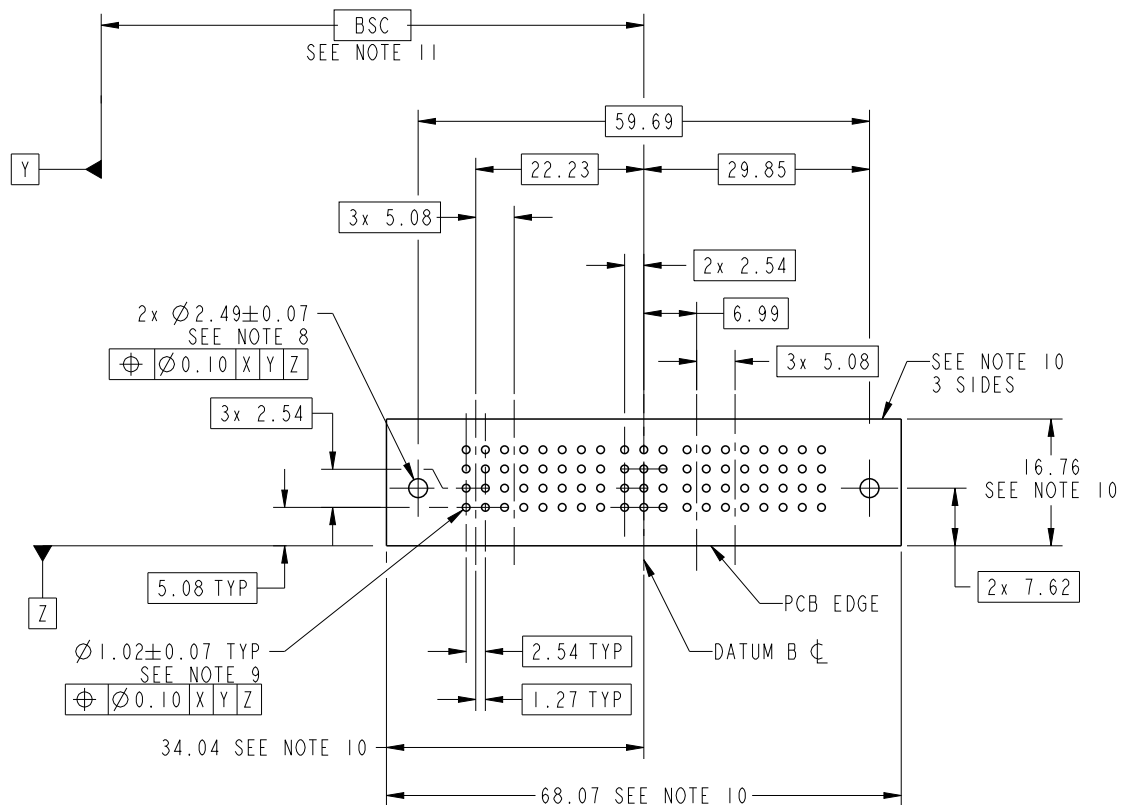
BROKEN-OUT SECTION A-A  
SCALE 2:1BROKEN-OUT SECTION B-B  
SCALE 2:1

SECTION C-C

dr	Fang Qian	2015/12/15	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
eng	Fang Qian	2015/12/24			ecn no	-					
chr	Fancy Zhang	2015/12/23			rel level	Released					
appr	Pei-Ming Zheng	2015/12/24	product family		PwrBlade						
<div>FCI</div>		title			4P + 12S + 4P		dwg no		51939-996LH	rev	A
		RIGHT ANGLE SOLDER HEADER									
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 2 of 4		

PRODUCT NUMBER

51939-996LHLF



dr	Fang Qian	2015/12/15	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Fang Qian	2015/12/24			ecn no	-				
chr	Fancy Zhang	2015/12/23			rel level	Released				
appr	Pei-Ming Zheng	2015/12/24	product family		PwrBlade					
		title			4P + 12S + 4P		dwg no	51939-996LH	rev	A
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 3 of 4	



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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 FCI PLATING SPEC 10064183.

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:

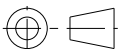


7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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 DIMENSIONS ARE ESTABLISHED BY CUSTOMER.

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eng	Fang Qian	2015/12/24			ecn no -				
chr	Fancy Zhang	2015/12/23							
appr	Pei-Ming Zheng	2015/12/24	product family		PwrBlade	rel level Released			
		title			4P + 12S + 4P	dwg no		51939-996LH	rev
					RIGHT ANGLE SOLDER HEADER			A	
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4	