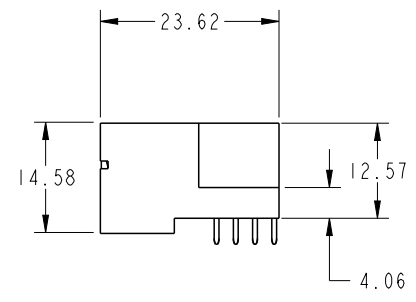
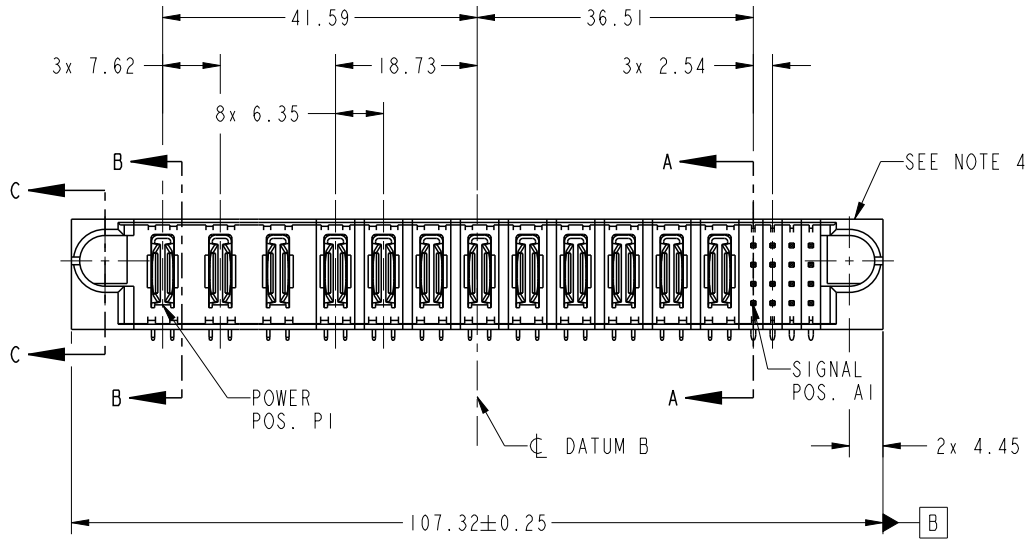




Copyright FCI.

PRODUCT NO.	ROWS		POWER												SIGNAL				
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	1	2	3	4	E2
51939-982LF	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UUUU	TTTT	SSSS	RRRR	
																			



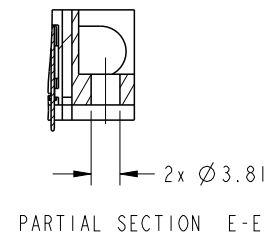
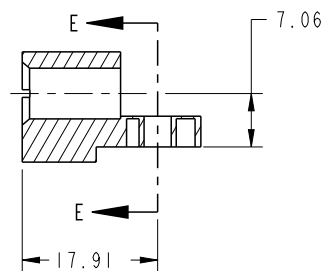
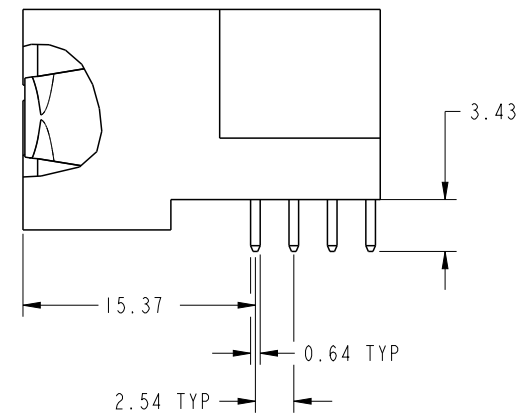
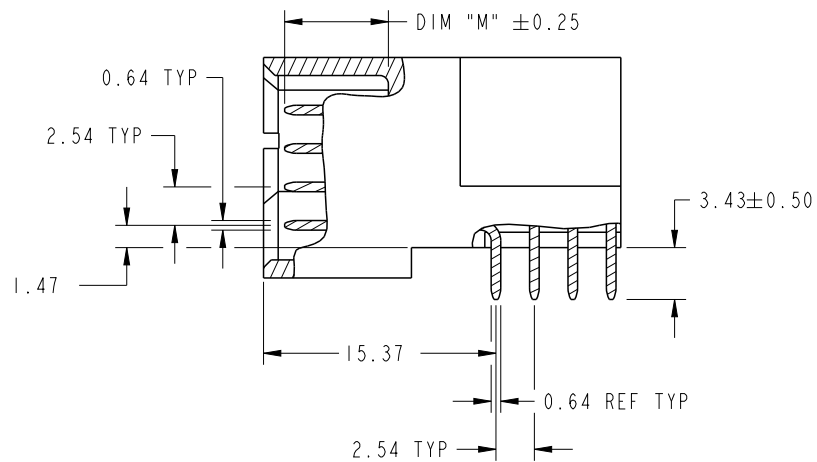
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
PA	[N/A]	POWER

spec ref *		dr De-Ming Lu 2015/07/15		projection	MM	size A4	scale 1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED					ecn no -		
ASME Y14.5								
		eng De-Ming Lu 2015/07/20						
		chr Fancy Zhang 2015/07/20						
		appr Pei-Ming Zheng 2015/07/20		product family PwrBlade		rel level Released		
surface	linear	0.X	±0.5		title 3ACP + 9P + 16S RIGHT ANGLE SOLDER HEADER		dwg no 51939-982	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

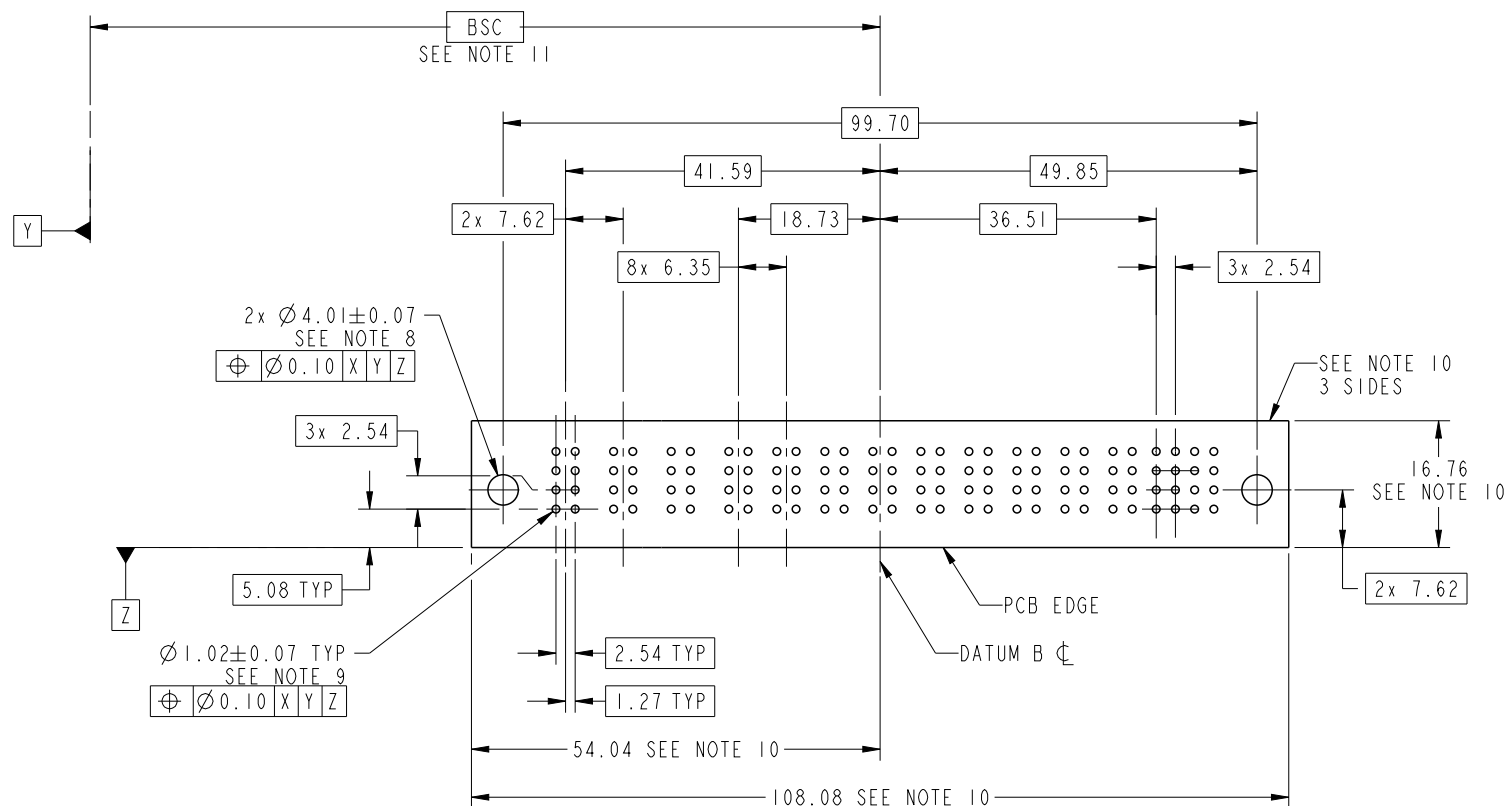
51939-982LF



dr	De-Ming Lu	2015/07/15	projection	MM	size	A4	scale	1:1
eng	De-Ming Lu	2015/07/20			ecn no	-		
chr	Fancy Zhang	2015/07/20			rel level	Released		
appr	Pei-Ming Zheng	2015/07/20	product family	PwrBlade				
	title	3ACP + 9P + 16S			dwg no	51939-982		
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 4	rev
								A

PRODUCT NUMBER

51939-982LF



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2015/07/15	projection	MM	size	A4	scale	1:1				
eng	De-Ming Lu	2015/07/20			ecn no -							
chr	Fancy Zhang	2015/07/20										
appr	Pei-Ming Zheng	2015/07/20	product family		PwrBlade	rel level	Released					
	title				3ACP + 9P + 16S RIGHT ANGLE SOLDER HEADER			dwg no		51939-982		rev
	www.fci.com	cat. no.			-	Product - Customer Drw				sheet 3 of 4		



Copyright FCI.

PRODUCT NUMBER
51939-982LF

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.

dr	De-Ming Lu	2015/07/15	projection	MM	size	A4	scale	1:1						
eng	De-Ming Lu	2015/07/20			ecn no -									
chr	Fancy Zhang	2015/07/20												
appr	Pei-Ming Zheng	2015/07/20	product family		PwrBlade	rel level		Released						
		title			3ACP + 9P + 16S			dwg no		51939-982		rev	A	
RIGHT ANGLE SOLDER HEADER														
www.fci.com		cat. no.		-		Product - Customer Drw					sheet 4 of 4			