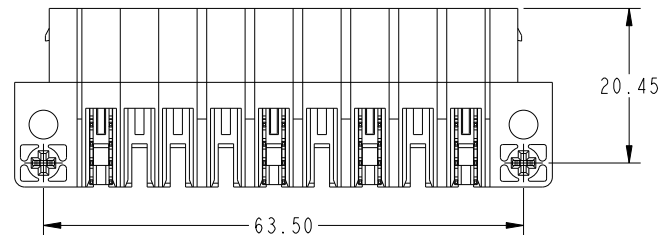
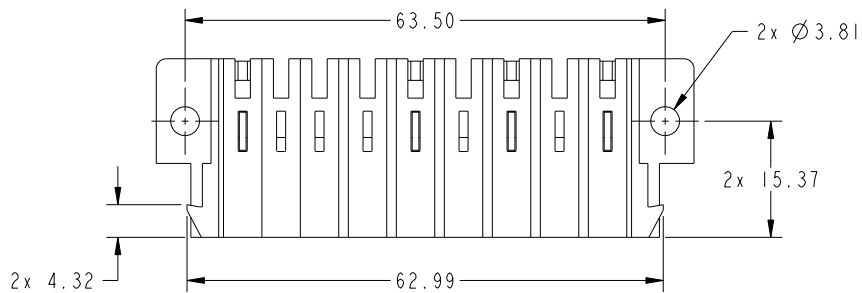
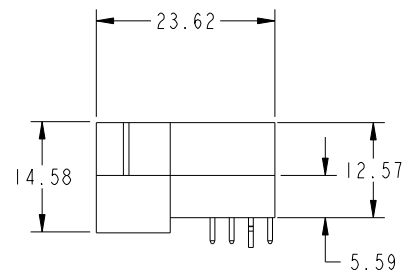
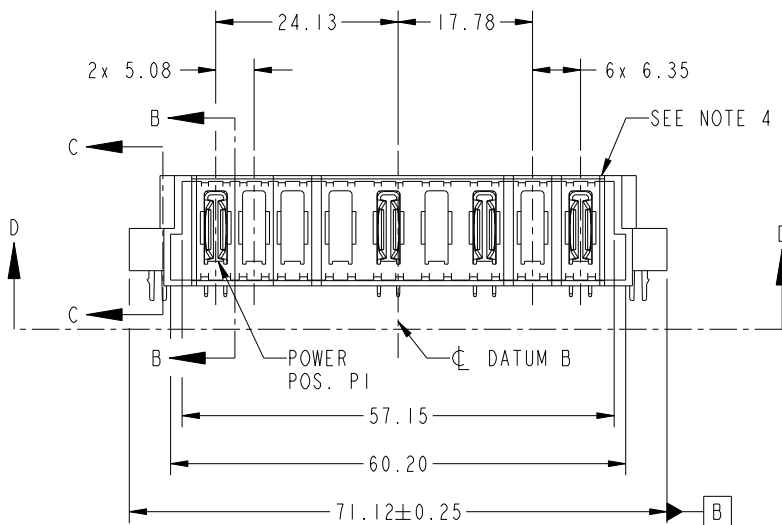


PRODUCT NO.	POWER										
	E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	E2
51939-941-- NOTE 3	PA	X	X	X	PA	X	PA	X	PA		



VIEW D-D

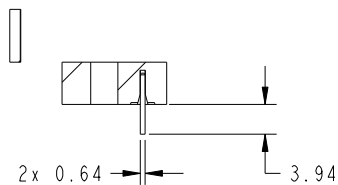


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	

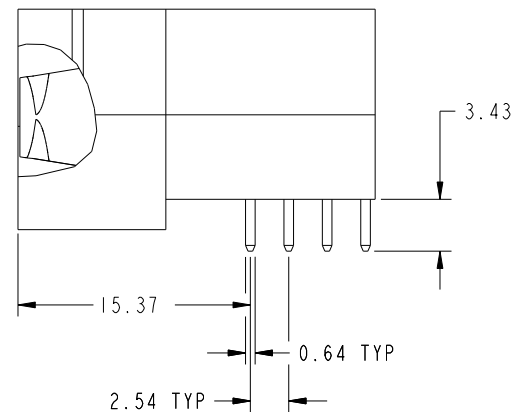
spec ref	*	dr	De-Ming Lu	2014/12/12	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	De-Ming Lu	2014/12/29			ecn no	-		
ASME Y14.5		chr	-	-			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2014/12/29	product family	PwrBlade	rev	51939-941	A	
ASME Y14.5	angular				cat. no.	-	Product - Customer Drw	sheet 1 of 4		
	0.X									
	0.XX									
	0.XXX									
	±0.5									
	±0.25									
	±0.1									
	0°									
	±2°									

PRODUCT NUMBER

51939-941--  
NOTE: 3



SECTION C-C



BROKEN-OUT SECTION B-B  
SCALE 2:1

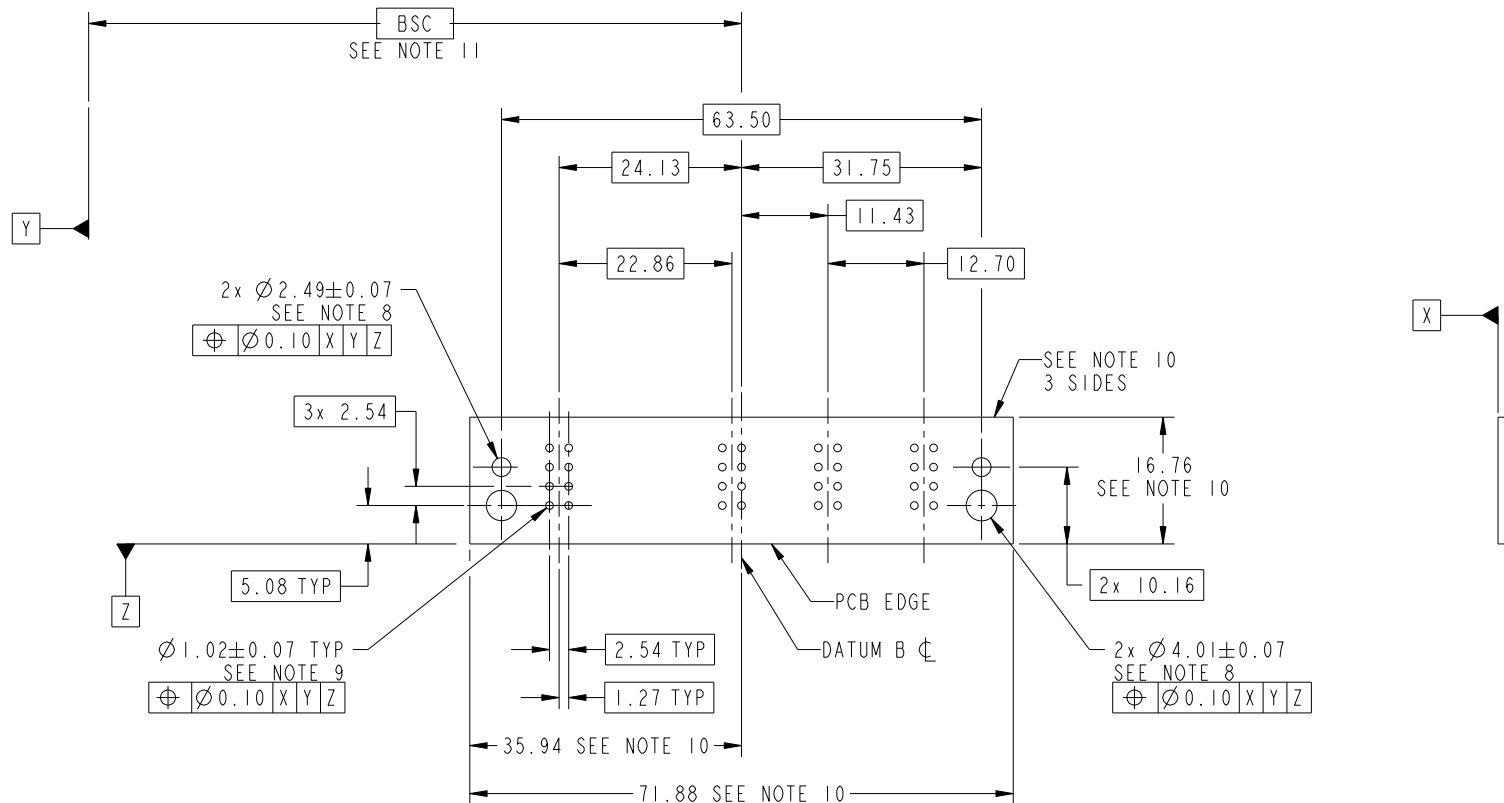
dr	De-Ming Lu	2014/12/12	projection 	MM ←→	size	A4	scale	1:1	
eng	De-Ming Lu	2014/12/29			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/12/29	product family	PwrBlade	rel level	Released			
	title	9P RIGHT ANGLE SOLDER HEADER			dwg no	51939-941		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 4			



Copyright FCI.

PRODUCT NUMBER

51939-941--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2014/12/12	projection 	MM ←→	size	A4	scale	1:1	
eng	De-Ming Lu	2014/12/29			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2014/12/29	product family	PwrBlade					
		title	9P RIGHT ANGLE SOLDER HEADER		dwg no	51939-941		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER  
51939-941--  
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 51939-941 AND 51939-941LF 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.
- 11. DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.



Copyright FCI.

dr	De-Ming Lu	2014/12/12	projection 	MM 	size	A4	scale	1:1		
eng	De-Ming Lu	2014/12/29			ecn no	-				
chr	-	-			product family	PwrBlade	rel level	Released		
appr	Pei-Ming Zheng	2014/12/29			title	9P RIGHT ANGLE SOLDER HEADER	dwg no	51939-941	rev	A
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 4			