

PRODUCT NO.	ROWS	POWER				SIGNAL				POWER				E1			
		E2	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	
51940-562LH NOTE: 3	D C B A																

A

A

B

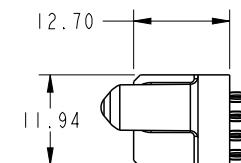
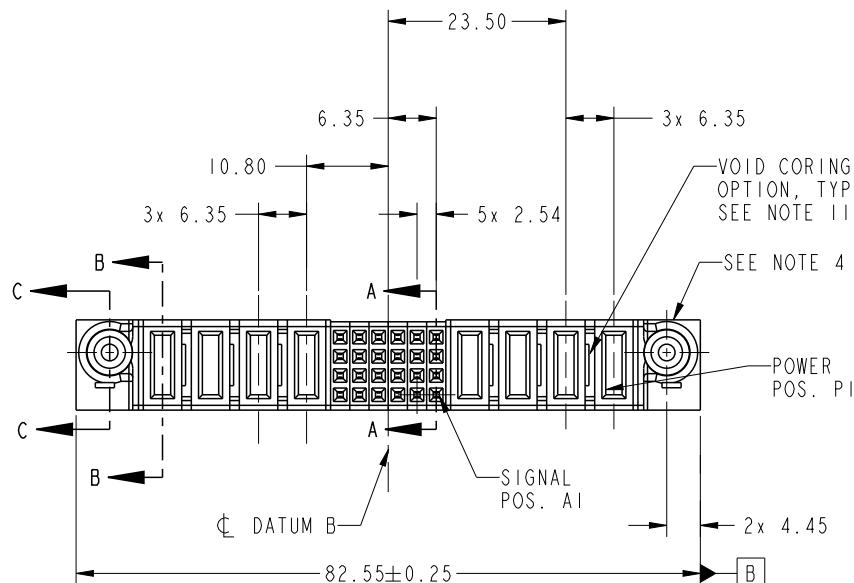
B

C

C

D

D



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
F	[N/A]	SIGNAL
	size A4	scale 1:1
	ecn no	-
	PwrBlade	rel level Released
	51940-562LH	rev A

spec ref	*			dr	Ruan MT	2014/12/18	projection	MM	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ruan MT	2015/01/19				A4	1:1
SEE NOTE			chr	-	-					
surface			appr	Pei-Ming Zheng	2015/01/19	product family				



4P + 24S + 4P  
VERTICAL PF RECEPT

[www.fci.com](http://www.fci.com)

cat. no.

\*

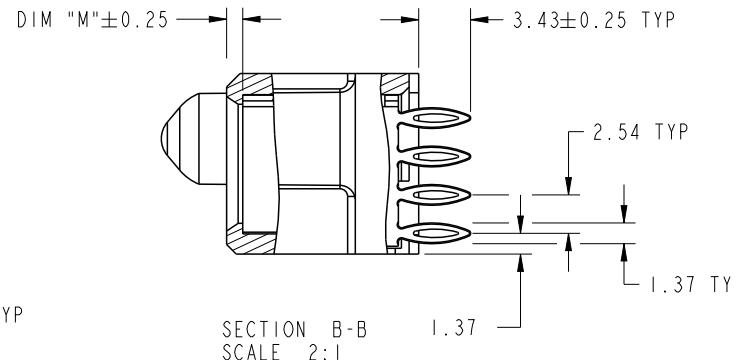
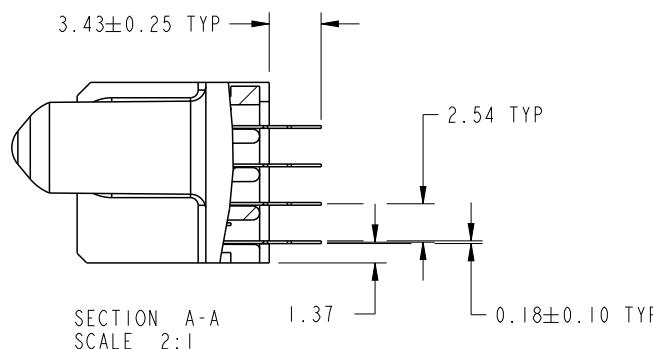
Product - Customer Drw

sheet 1 of 4

## PRODUCT NUMBER

51940-562LH  
NOTE: 3

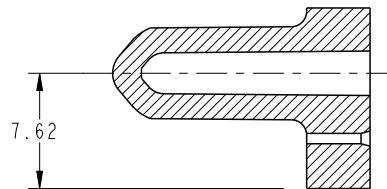
A



B

A

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D

B

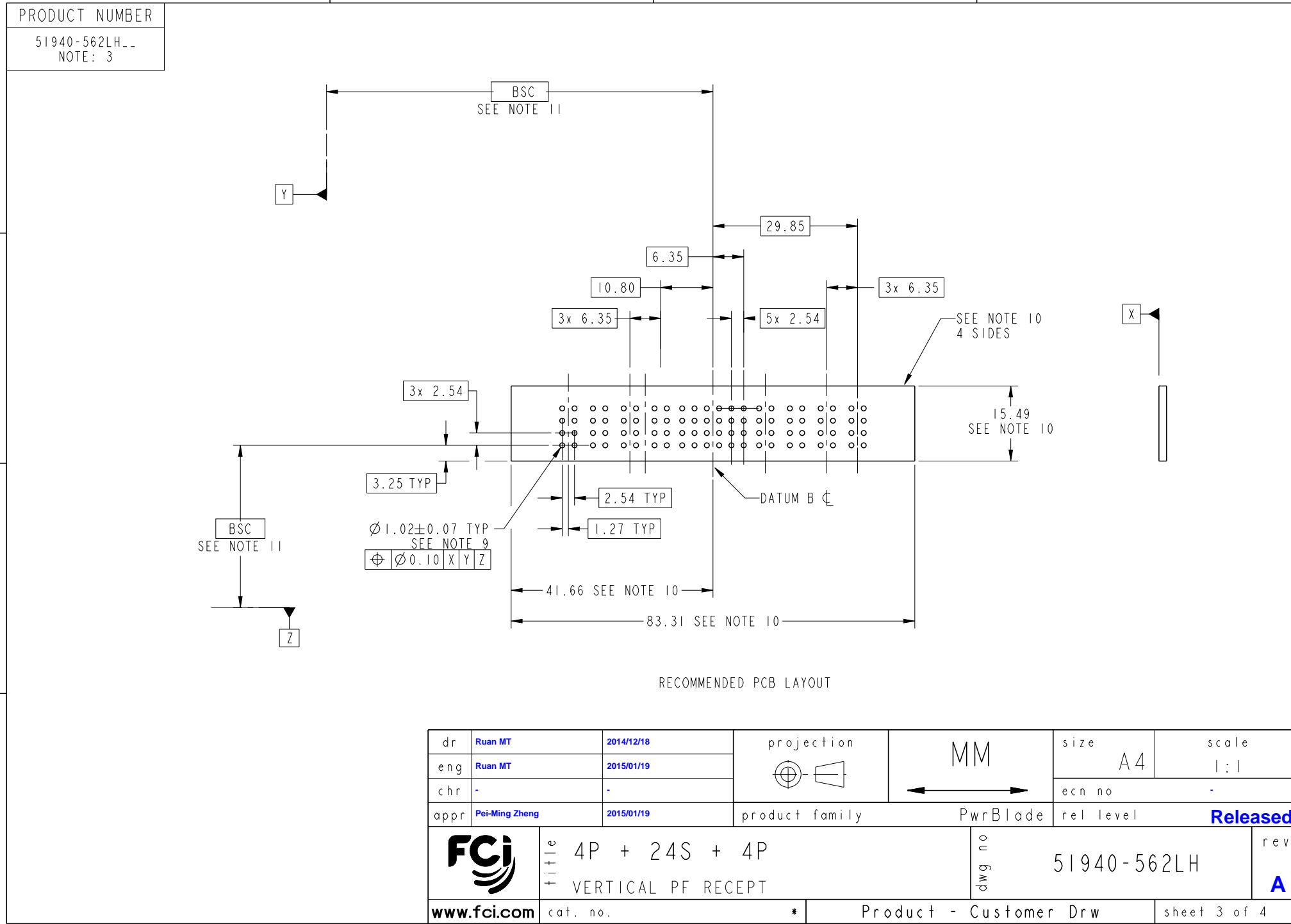
C

D

dr	Ruan MT	2014/12/18	projection 	MM	size A4	scale 1:1
eng	Ruan MT	2015/01/19				
chr	-	-				
appr	Pei-Ming Zheng	2015/01/19				
			product family	PwrBlade	rel level	Released
		4P + 24S + 4P	dwg no 51940-562LH		rev A	
www.fci.com		VERTICAL PF RECEPT	cat. no.		*	Product - Customer Drw
						sheet 2 of 4

FCI

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PRODUCT NUMBER	51940-562LH
NOTE:	3

## NOTES:

A

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

A

## 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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-562LH AND 51940-562LHF 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  $\phi 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\phi 1.02 \pm 0.07$  HOLE.
- ⑩ CONNECTOR KEEP-OUT ZONE.
- 11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.
- 12. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

B

B

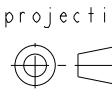
C

C

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D

D

dr	Ruan MT	2014/12/18	projection 	MM	size A4	scale 1:1
eng	Ruan MT	2015/01/19				
chr	-	-				
appr	Pei-Ming Zheng	2015/01/19	product family	PwrBlade	rel level	Released
			4P + 24S + 4P + VERTICAL PF RECEPT		dwg no 51940-562LH	rev A
www.fci.com			cat. no.	*	Product - Customer Drw	sheet 4 of 4