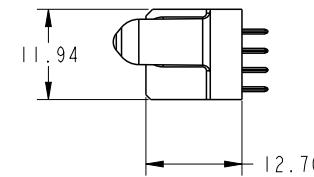
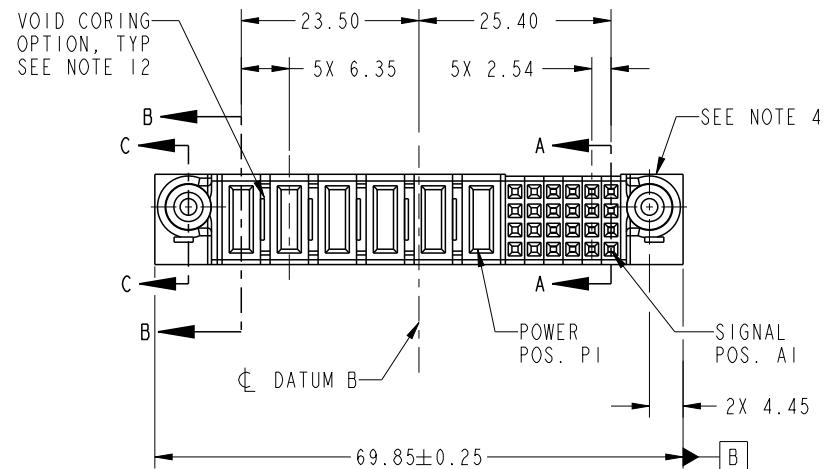


PRODUCT NO.	ROWS	POWER							SIGNAL							E1
		E2	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1		
51940-407--	D C B A								X	X	E	E	E	E		

A

A



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
X	[N/A]	[N/A]

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spec ref	SEE NOTES			dr	Guang, Shi	2011/11/15	projection	MM	size	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/12/30			A4	1:1	
SEE NOTES				chr	-	-	product family	PwrBlade	ecn no		
surface	✓	linear	angular	appr	Pei-Ming Zheng	-	24S + 6P	dwg no	51940-407		
		0.X	±0.5				+ VERTICAL STB RECEPT				rev A
		0.XX	±0.25								
		0.XXX	±0.1								
		0°	±2°		www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4			

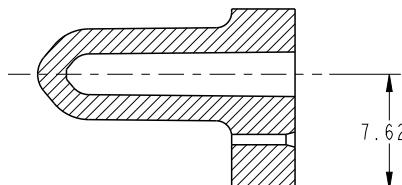
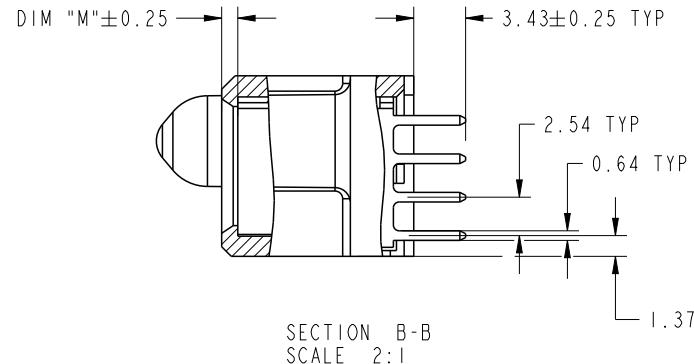
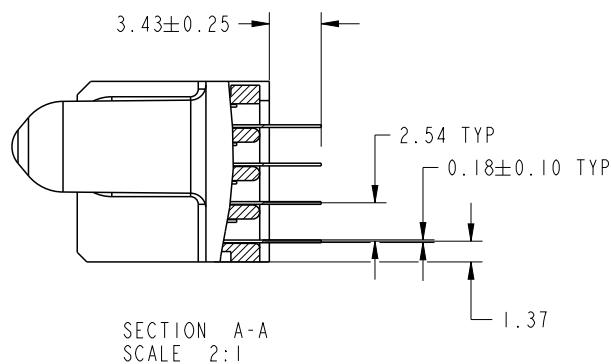
PRODUCT NUMBER  
51940-407  
NOTE: 3

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3

4

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dr	Guang, Shi	2011/11/15	projection	MM	size	A4	scale
eng	Guang, Shi	2011/12/30					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	-	product family	PwrBlade	rel level	Released	
<b>FCI</b>		24S + 6P + VERTICAL STB RECEPT			dwg no	51940-407	
<a href="http://www.fci.com">www.fci.com</a>		cat. no.		Product - Customer Drw		sheet 2 of 4	

Pro/E File - REV C - 2009-06-09

2

3

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PDS: Rev :A

STATUS:Released

Printed: Jan 04, 2012

2

3

4

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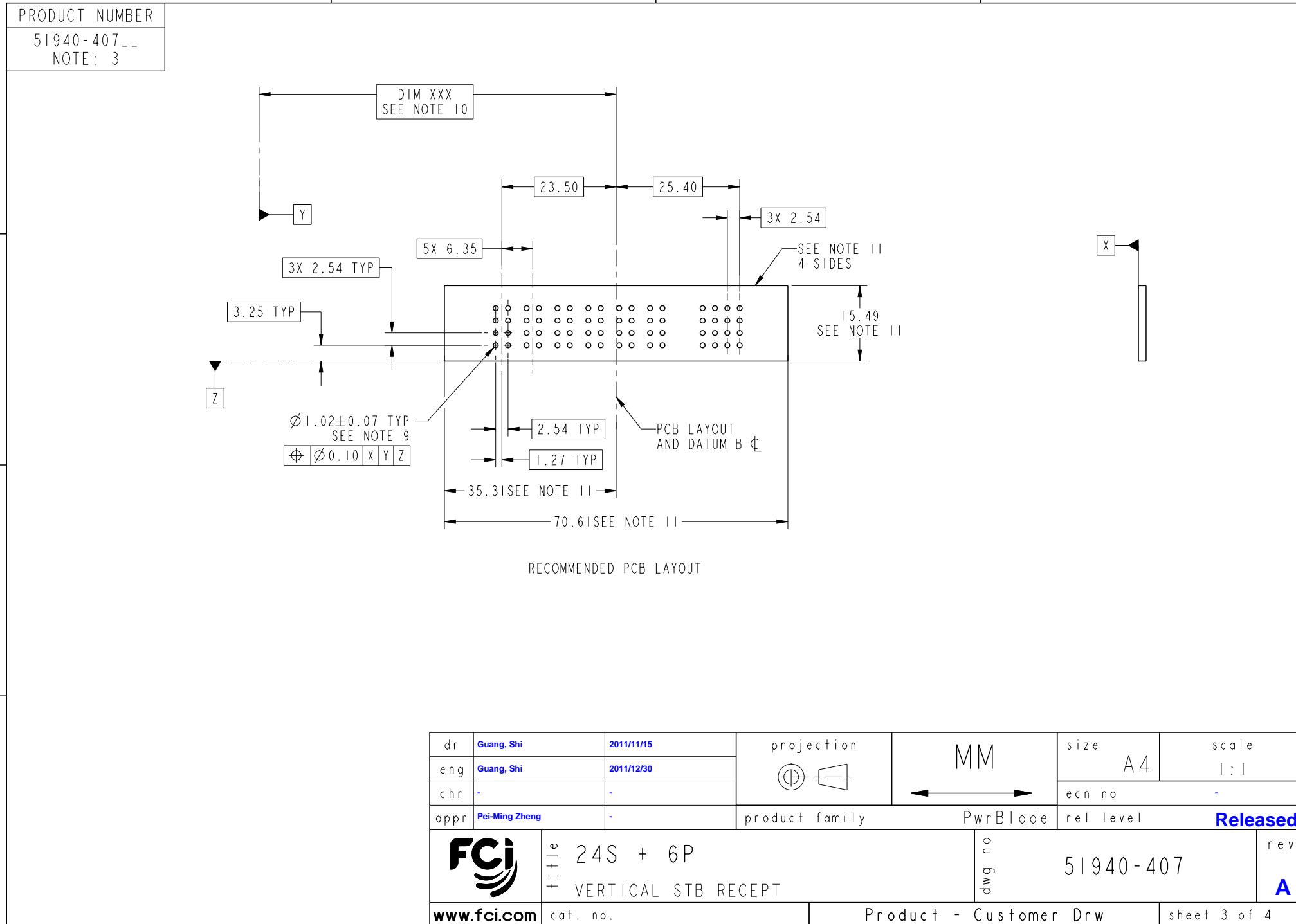
B

C

D

FCI

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PRODUCT NUMBER	51940-407
NOTE:	3

A

## 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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-407 AND 51940-407LF RESPECTIVELY.

B

④ MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

12. 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.

dr	Guang, Shi	2011/11/15	 product family	MM	size	A4	scale
eng	Guang, Shi	2011/12/30			ecn no		
chr	-	-			rel level		
appr	Pei-Ming Zheng	-		PwrBlade			Released
	e + +	24S + 6P + VERTICAL STB RECEPT	dwg no	51940-407	rev		A
www.fci.com	cat. no.	Product - Customer Drw	sheet 4 of 4				