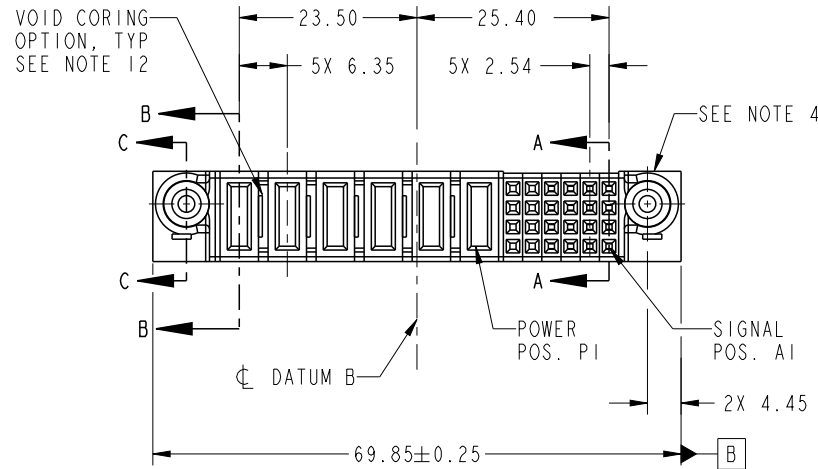




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PRODUCT NO.	ROWS	POWER							SIGNAL						
		E2	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51940-407-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	X	X	E	E	E	E	
									X	X	E	E	E	E	
									X	X	E	E	E	E	
									X	X	E	E	E	E	



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

spec ref	SEE NOTES			dr	Guang, Shi	2011/11/15	projection	MM	size	A4	scale	1:1
tolerance std SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/12/30			ecn no	-		
				chr	-	-			rel level			Released
				appr	Pei-Ming Zheng	-						
surface	linear	0.X	±0.5		title 24S + 6P VERTICAL STB RECEIPT				dwg no	51940-407		rev A
		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

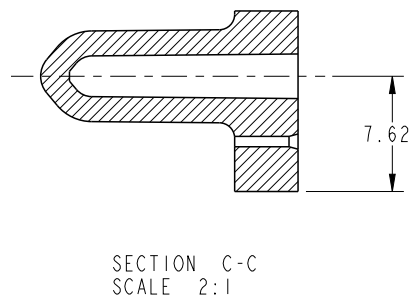
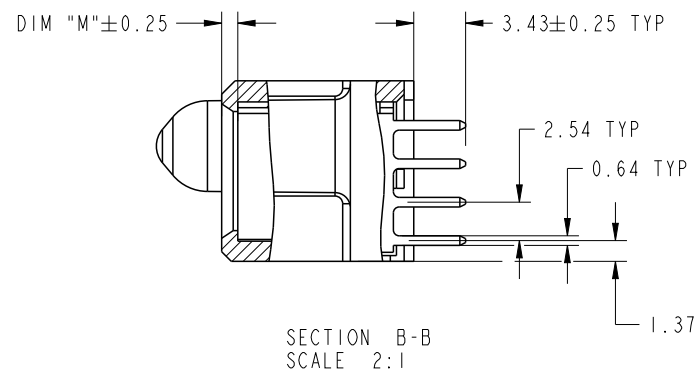
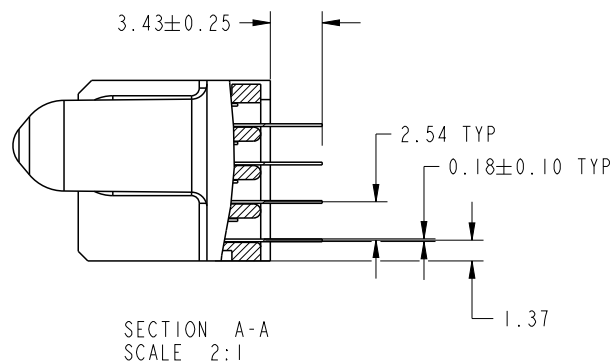
PDS: Rev :A

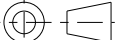
STATUS:Released

Printed: Jan 04, 2012

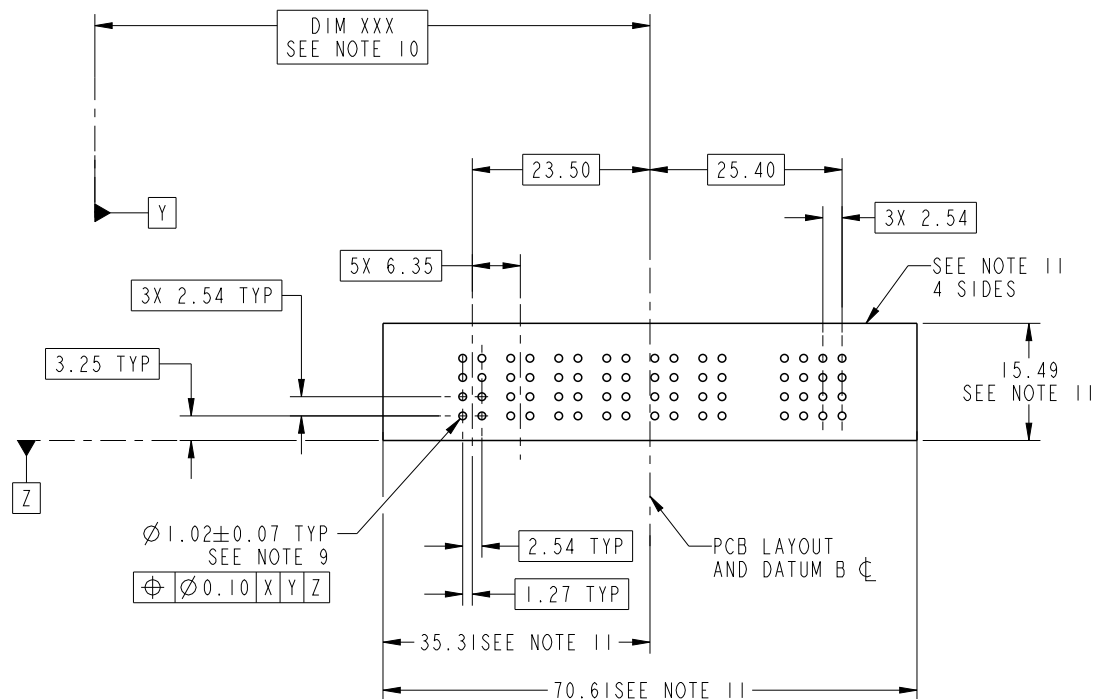
PRODUCT NUMBER

51940-407--
NOTE: 3

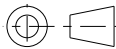
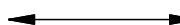


dr	Guang, Shi	2011/11/15	projection 	MM 	size	A4	scale	1:1	
eng	Guang, Shi	2011/12/30			ecn no			-	
chr	-	-							
appr	Pei-Ming Zheng	-	product family		PwrBlade	rel level	Released		
		title			24S + 6P	dwg no		51940-407	rev
					VERTICAL STB RECEPT				A
www.fci.com		cat. no.		Product - Customer Drw				sheet 2 of 4	

PRODUCT NUMBER

51940-407--
NOTE: 3

RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2011/11/15	projection 	MM 	size	A4	scale	1:1	
eng	Guang, Shi	2011/12/30			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	-	product family		PwrBlade				
	title				24S + 6P		dwg no		rev
	VERTICAL STB RECEPT						A		
www.fci.com	cat. no.		Product - Customer Drw				sheet 3 of 4		



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PRODUCT NUMBER
51940-407__
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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-407 AND 51940-407LF RESPECTIVELY.
- 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	projection	MM	size	A4	scale	1:1
eng	Guang, Shi	2011/12/30			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	-	product family		PwrBlade	rel level	Released	
	title 24S + 6P VERTICAL STB RECEPT				dwg no 51940-407	rev A		
www.fci.com	cat. no.		Product - Customer Drw			sheet 4 of 4		