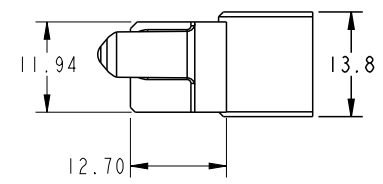
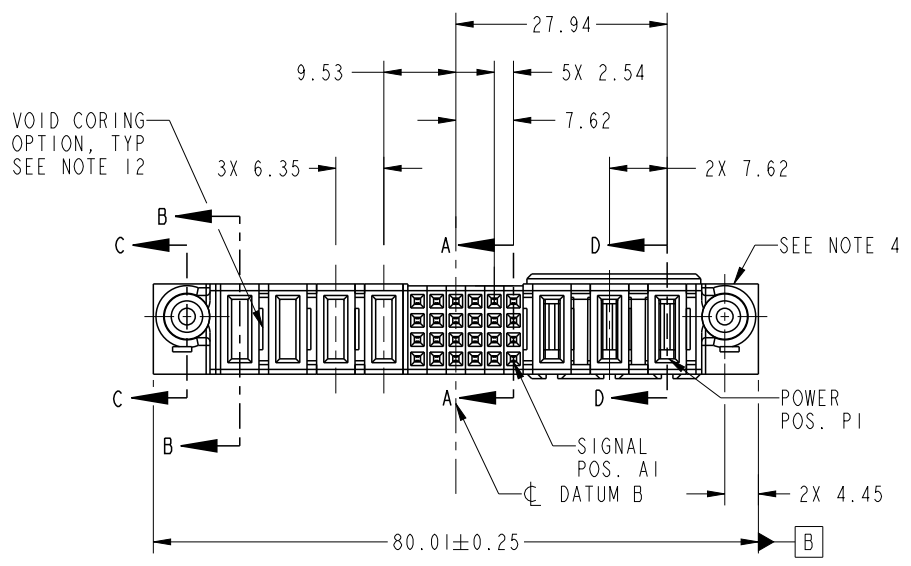
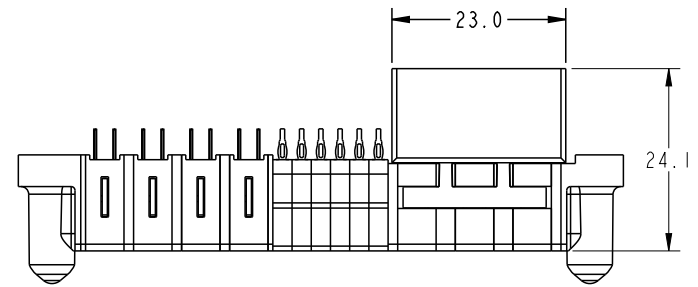


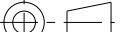


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PRODUCT NO.	ROWS	POWER					SIGNAL					POWER				
		E2	P7	P6	P5	P4	6	5	4	3	2	1	P3	P2	P1	E1
51940-418-- NOTE: 3	D C B A															



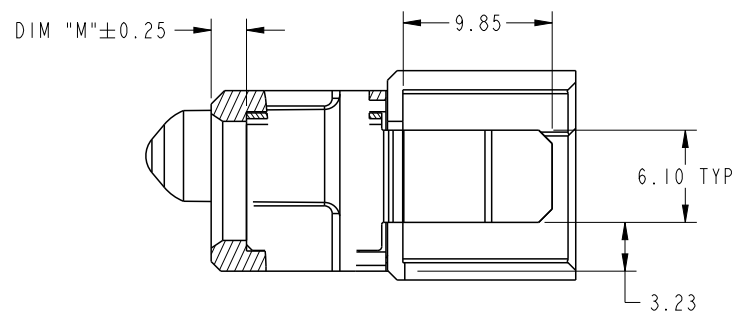
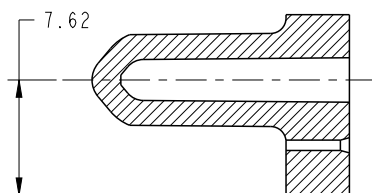
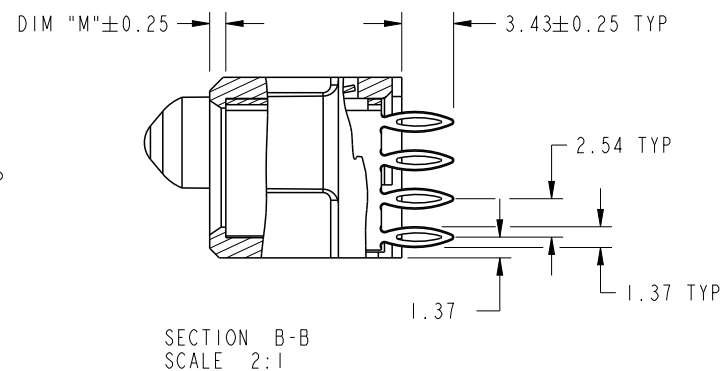
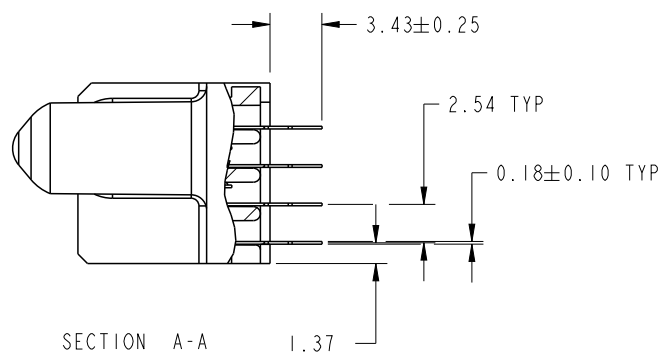
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
PF	[2.34]	POWER
PG	[1.07]	POWER
F	[N/A]	SIGNAL
PH	[2.34]	POWER

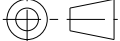
spec ref		SEE NOTES		dr	Shi Guang	2012/01/04	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2013/02/21			ecn no	-		
				chr	-	-			rel level			Released
SEE NOTE				appr	Pei-Ming Zheng	2013/02/21	product family		PwrBlade			
surface ✓	linear	0.X	±0.5		title 3ACP + 24S + 4P VERTICAL PF RECEPT				dwg no	51940-418		rev A
		0.XX	±0.25									
		0.XXX	±0.1									
	angular	0°	±2°									

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

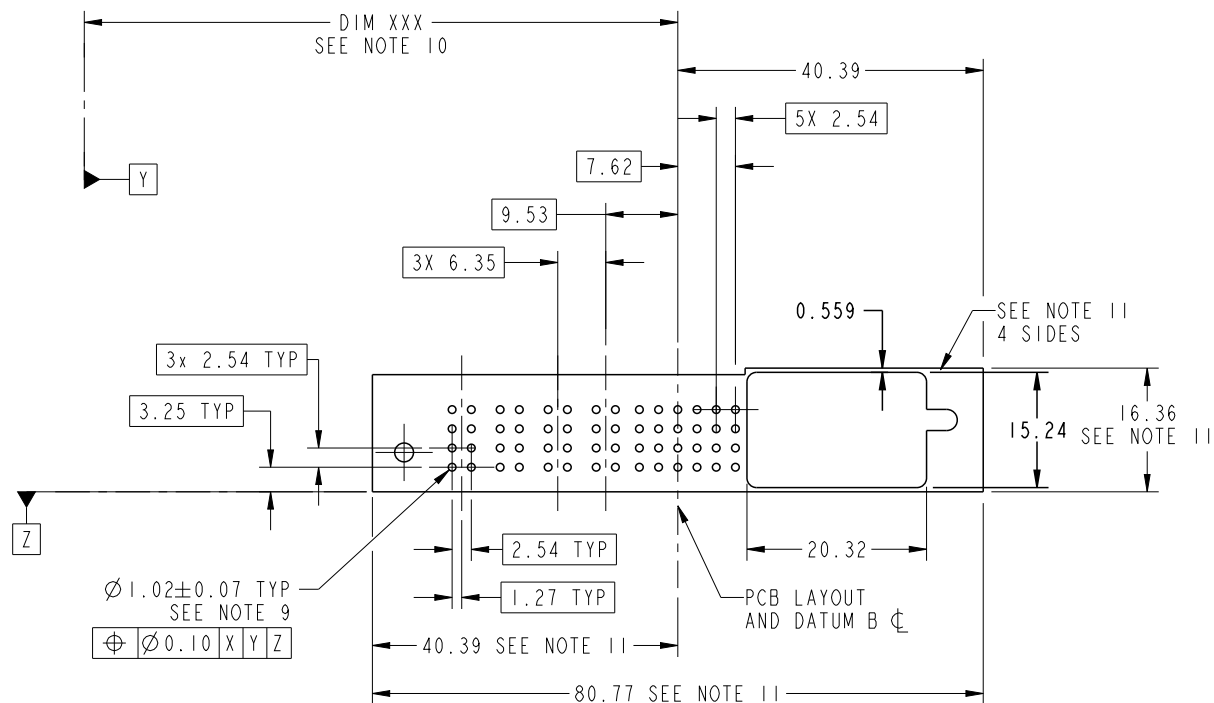
51940-418__
NOTE: 3



dr	Shi Guang	2012/01/04	projection 	MM 	size	A4	scale	1:1		
eng	Ruan MT	2013/02/21			ecn no		rel level	Released		
chr	-	-								
appr	Pei-Ming Zheng	2013/02/21	product family		PwrBlade					
		title			dwg no				rev	
www.fci.com		3ACP + 24S + 4P VERTICAL PF RECEPT			51940-418				A	
cat. no.		-		Product - Customer Drw			sheet 2 of 4			

PRODUCT NUMBER

51940-418--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Shi Guang	2012/01/04	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2013/02/21			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/02/21	product family	PwrBlade				
		title	3ACP + 24S + 4P VERTICAL PF RECEPT		dwg no	51940-418		rev
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER
51940-418__
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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-418 AND 51940-418LF 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	Shi Guang	2012/01/04	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2013/02/21			ecn no -			
chr	-	-						
appr	Pei-Ming Zheng	2013/02/21	product family		PwrBlade	rel level	Released	
		title 3ACP + 24S + 4P VERTICAL PF RECEPT			dwg no 51940-418		rev A	
www.fci.com		cat. no. -		Product - Customer Drw			sheet 4 of 4	