

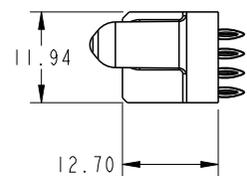
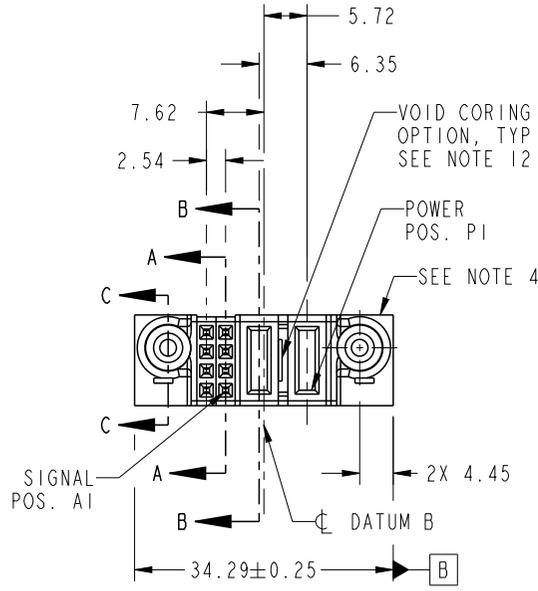
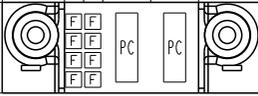
1

2

3

4

PRODUCT NO. 51940-403-- NOTE: 3	ROWS D C B A	SIGNAL		POWER		
		E2	2 1	P2	P1	E1



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

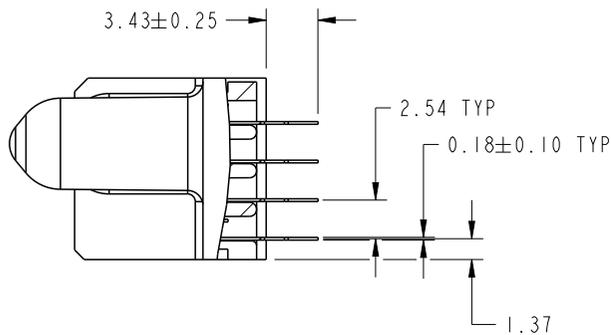
spec ref	SEE NOTES	dr	Guang, Shi	2011/09/16	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Guang, Shi	2011/10/09			ecn no	-		
SEE NOTES		chr	-	-						
surface	linear	0.X	±0.50	 title 2P+8S VERTICAL PF RECEPT www.fci.com	product family	PwrBlade	rel level	Released		
		0.XX	±0.25		dwg no	51940-403	rev	A		
	angular	0°	±2°		cat. no.	Product - Customer Drw	sheet 1 of 4			



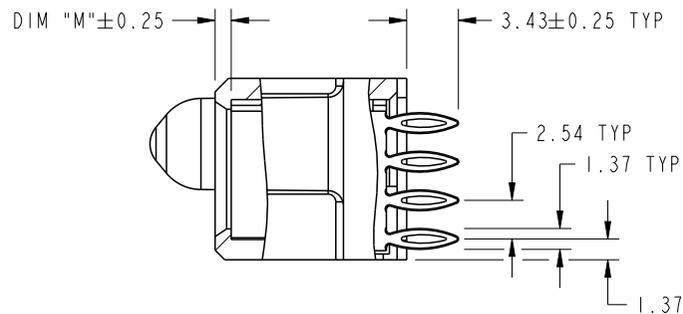
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PRODUCT NUMBER

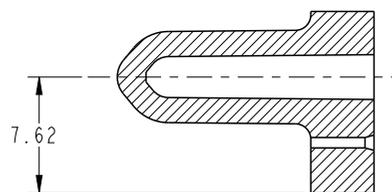
51940-403__
NOTE: 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1

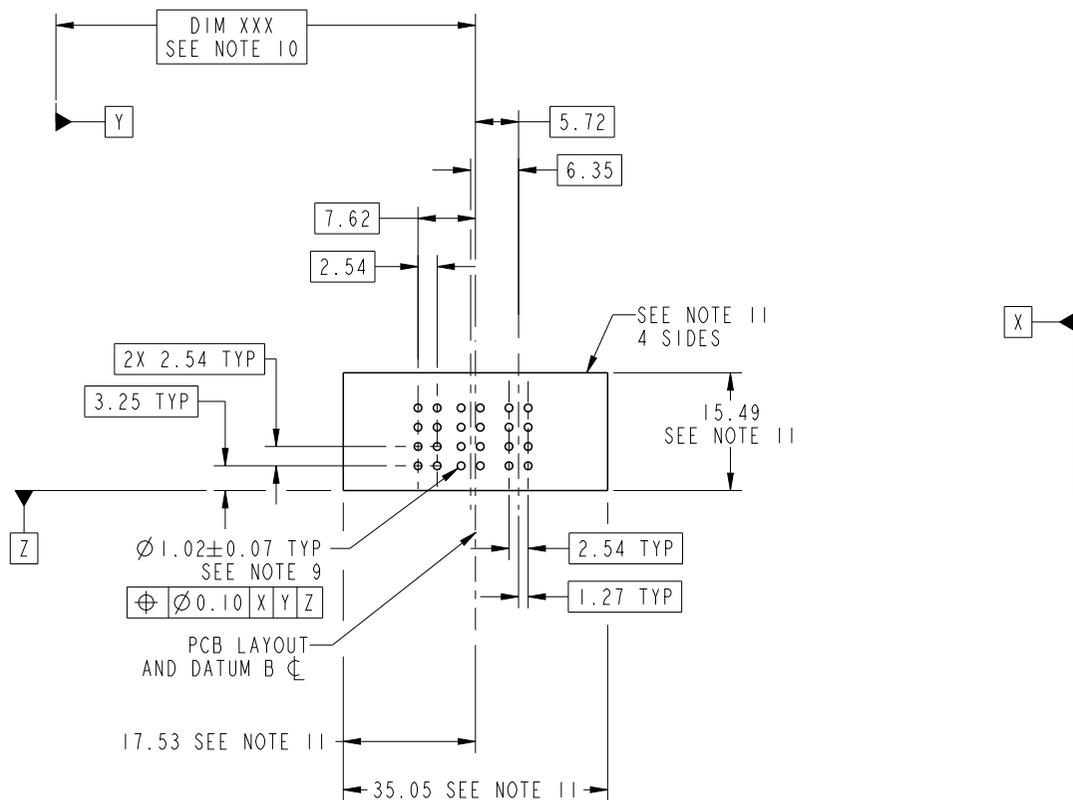


SECTION C-C
SCALE 2:1

dr	Guang, Shi	2011/09/16	projection 	MM ←————→	size	A4	scale	1:1	
eng	Guang, Shi	2011/10/09			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2011/10/10	product family	PwrBlade					
		title	2P+8S VERTICAL PF RECEIPT		dwg no	51940-403		rev	A
www.fci.com		cat. no.	Product - Customer Drw			sheet 2 of 4			

PRODUCT NUMBER

51940-403_
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2011/09/16	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/10/09			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/10/10	product family	PwrBlade	rev	A		
	title	2P+8S VERTICAL PF RECEPT	dwg no	51940-403	cat. no.	Product - Customer Drw	sheet 3 of 4	

PRODUCT NUMBER

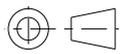
51940-403__
NOTE: 3

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 51940-403 AND 51940-403LF 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	2011/09/16	projection 	MM 	size	A4	scale	1:1		
eng	Guang, Shi	2011/10/09			ecn no	-				
chr	-	-			product family	PwrBlade	rel level	Released		
appr	Pei-Ming Zheng	2011/10/10	www.fci.com		title	2P+8S VERTICAL PF RECEPT	dwg no	51940-403	rev	A
cat. no.		Product - Customer Drw			sheet 4 of 4					