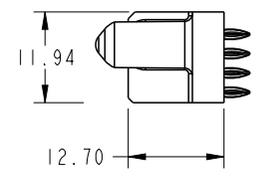
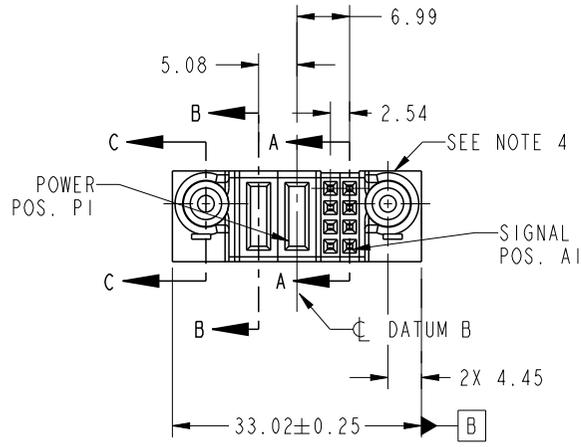


PRODUCT NO.	ROWS	POWER SIGNAL				
		E2	P2	P1	2	1
51940-490-- NOTE: 3	D C B A		PC	PC	F F F F	



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

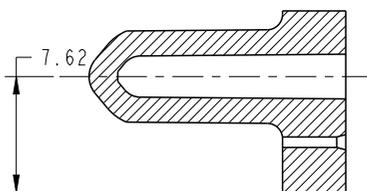
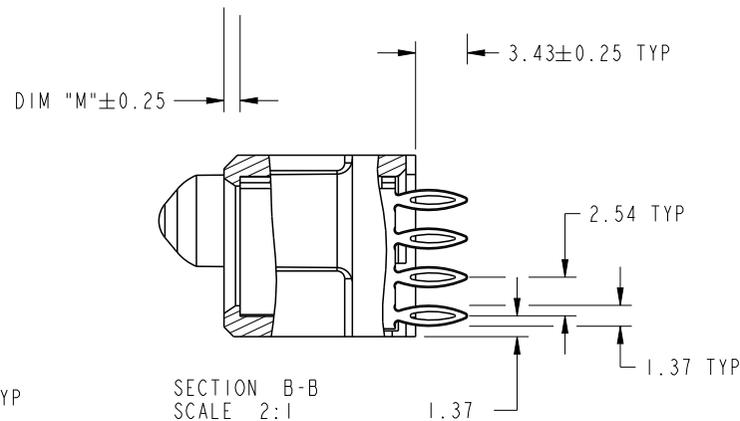
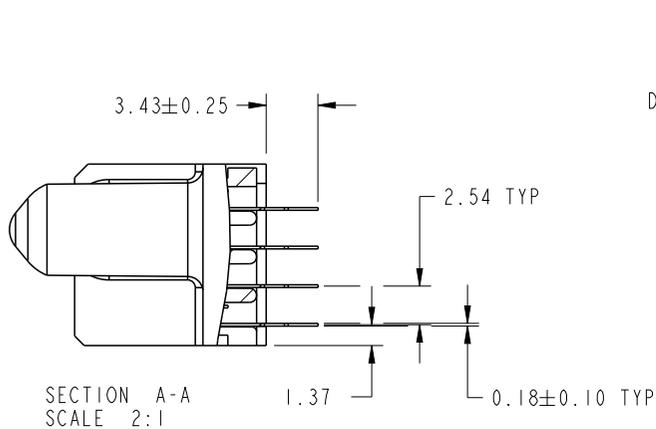
spec ref	*	dr	Ruan MT	2013/04/19	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2013/05/21			ecn no	-	rel level	Released
SEE NOTE		chr	-	-						
surface	linear	appr	Pei-Ming Zheng	2013/05/21	product family	PwrBlade	rev	51940-490	A	
	angular									
	0.X	±0.5		title	8S + 2DCP	cat. no.	Product - Customer Drw	sheet 1 of 4	www.fci.com	PDS: Rev :A
	0.XX	±0.25								
	0.XXX	±0.1								
	0°	±2°								



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PRODUCT NUMBER

51940-490__
NOTE: 3



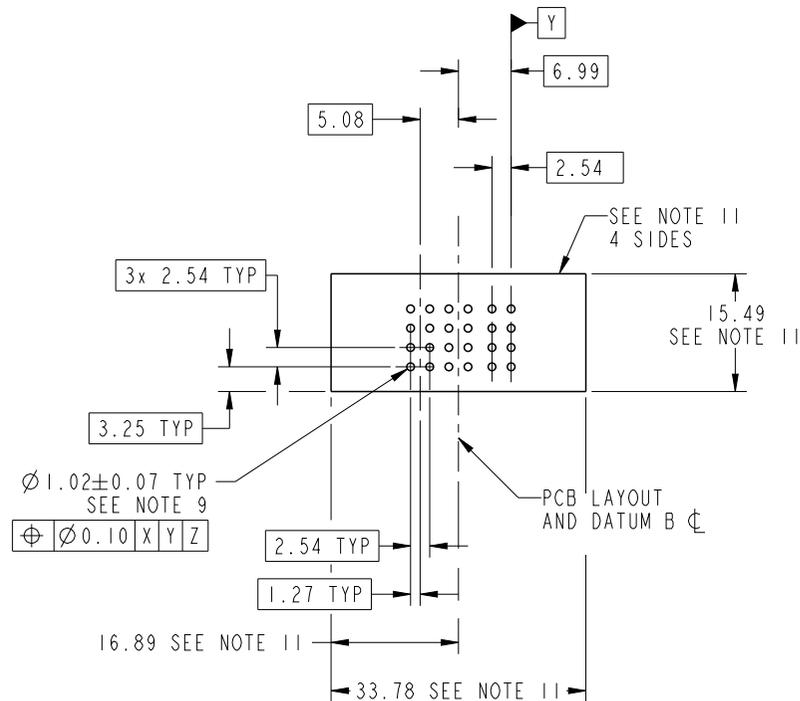
dr	Ruan MT	2013/04/19	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/05/21			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/05/21	product family	PwrBlade	rev	A		
		title 8S + 2DCP VERTICAL PRESS FIT RECEIPT	dwg no 51940-490	www.fci.com	cat. no. *	Product - Customer Drw	sheet 2 of 4	



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PRODUCT NUMBER

51940-490__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/04/19	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2013/05/21			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2013/05/21	product family	PwrBlade					
		title	8S + 2DCP VERTICAL PRESS FIT RECEPT		dwg no	51940-490		rev	A
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 3 of 4		

PRODUCT NUMBER

51940-490__
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 51940-490 AND 51940-490LF 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 $\varnothing 1.151 \pm 0.025$ 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.

A

B

C

D

A

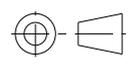
B

C

D



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dr	Ruan MT	2013/04/19	projection 	MM 	size	A4	scale	1:1			
eng	Ruan MT	2013/05/21			ecn no	-					
chr	-	-			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2013/05/21	FCI		title	8S + 2DCP		dwg no	51940-490	rev	A
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 4 of 4				