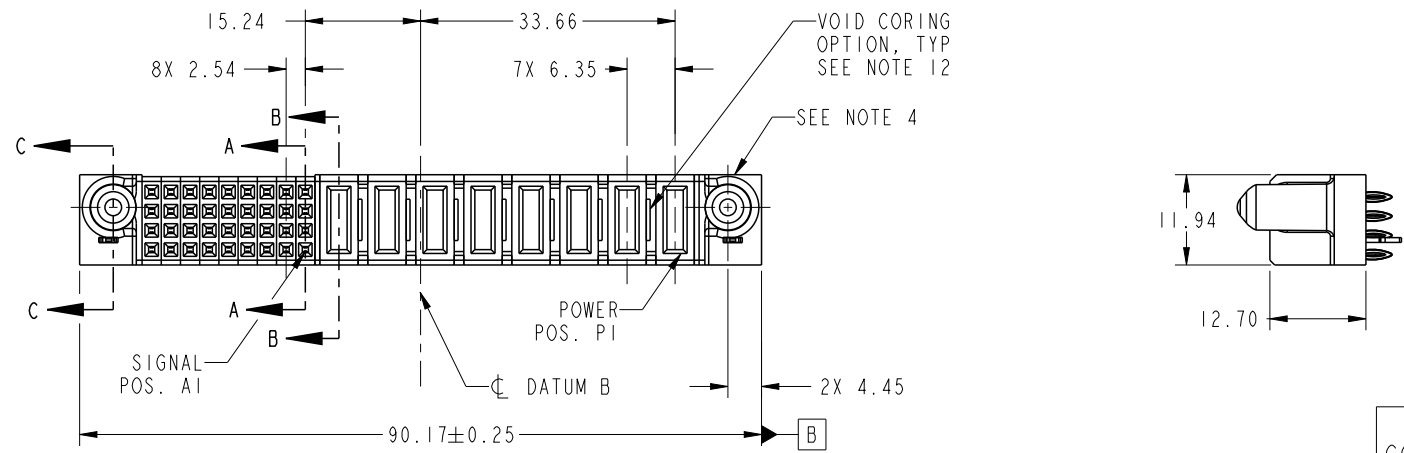




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PRODUCT NO.	ROWS	SIGNAL										POWER								E1
		E2	9	8	7	6	5	4	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
51940-437-- NOTE: 3	D C B A		F	F	F	F	F	F	F	F	F	PC	PC	PF	PF	X	PC	X	PF	

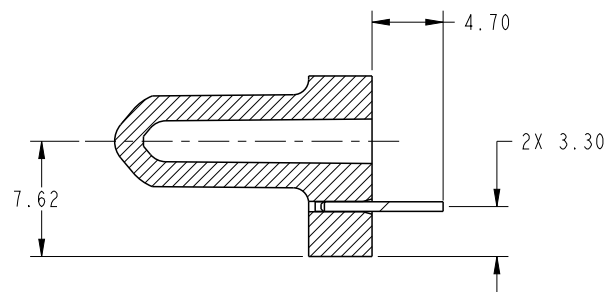
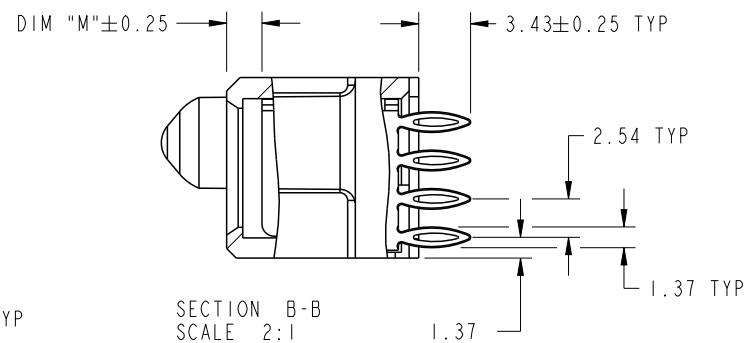
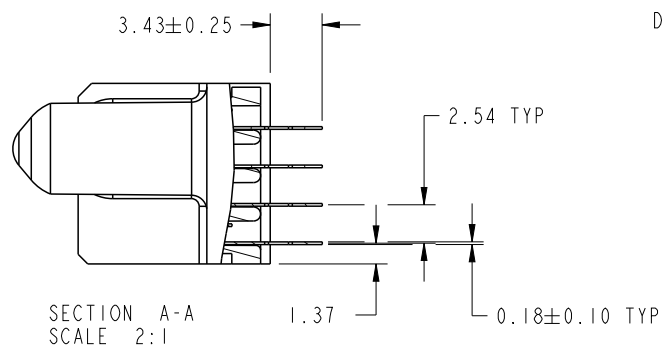


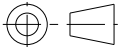
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
PC	[1.07]	POWER
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	N/A	OMITTED

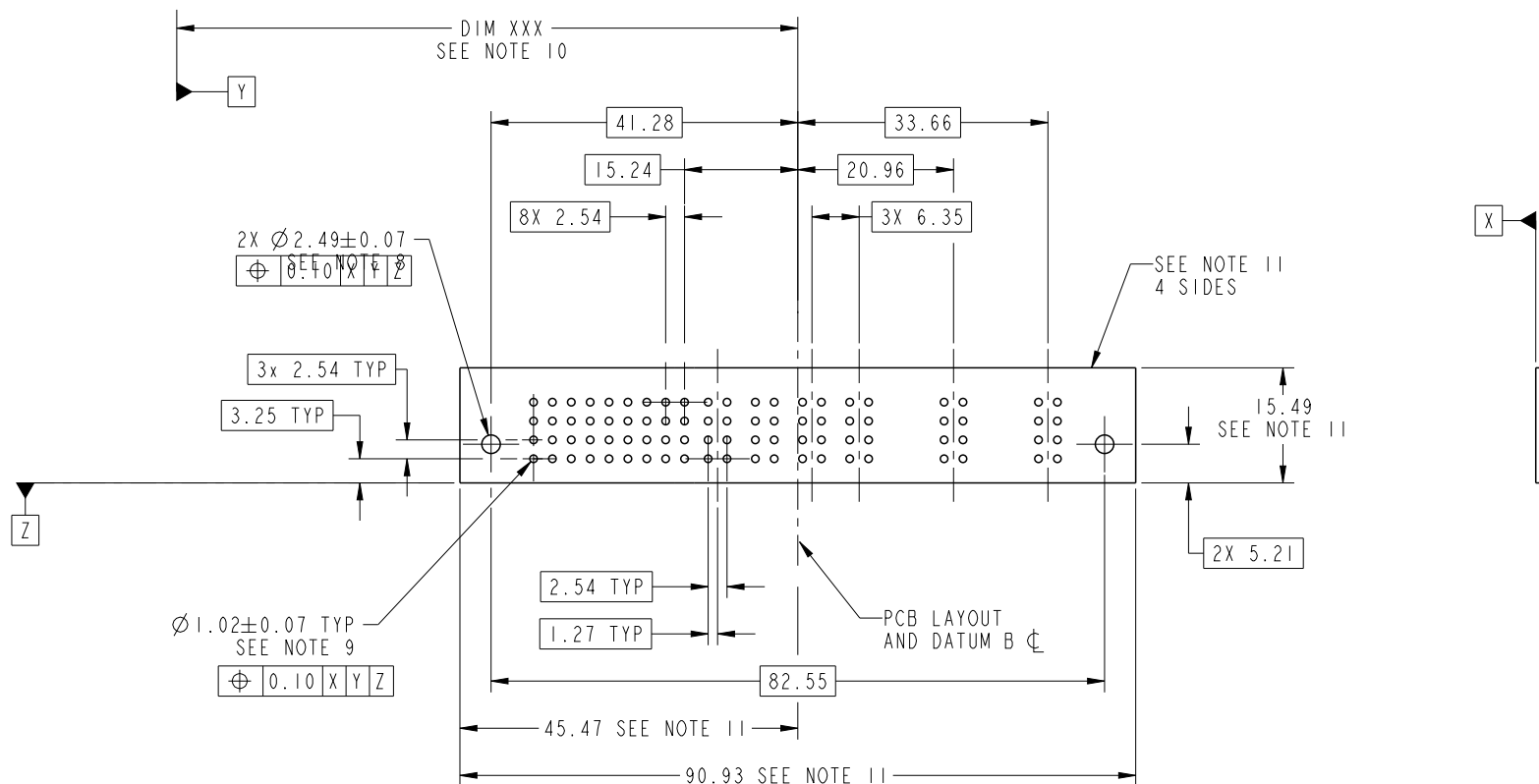
spec ref	*	dr	Shi Guang	2012/05/23	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2013/02/27			ecn no	-		
SEE NOTE		chr	-	-			rel level	Released		
		appr	Pei-Ming Zheng	2013/02/27	product family	PwrBlade				
surface	linear	0.X	±0.5		title	8P + 36S VERTICAL PRESS FIT RECEPT	dwg no	51940-437	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		

PRODUCT NUMBER

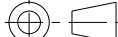
51940-437--
NOTE: 3



dr	Shi Guang	2012/05/23	projection 	MM 	size	A4	scale	1:1				
eng	Ruan MT	2013/02/27			ecn no				-			
chr	-	-										
appr	Pei-Ming Zheng	2013/02/27	product family		PwrBlade	rel level	Released					
	title				8P + 36S			dwg no		51940-437		rev
www.fci.com		cat. no.			*	Product - Customer Drw				sheet 2 of 4		



RECOMMENDED PCB LAYOUT

dr	Shi Guang	2012/05/23	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/02/27			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/02/27	product family		PwrBlade			
	title	8P + 36S VERTICAL PRESS FIT RECEPT			dwg no	51940-437		rev
								A
www.fci.com	cat. no.	*	Product - Customer Drw				sheet 3 of 4	



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PRODUCT NUMBER
51940-437--
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 51940-437 AND 51940-437LF 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	2012/05/23	projection	MM	size	A4	scale	1:1		
eng	Ruan MT	2013/02/27			ecn no -					
chr	-	-								
appr	Pei-Ming Zheng	2013/02/27	product family		PwrBlade		rel level		Released	
FCi		title			8P + 36S			dwg no		rev
		VERTICAL PRESS FIT RECEPT			51940-437					A
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 4 of 4	