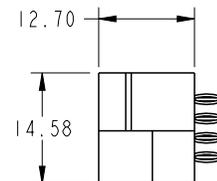
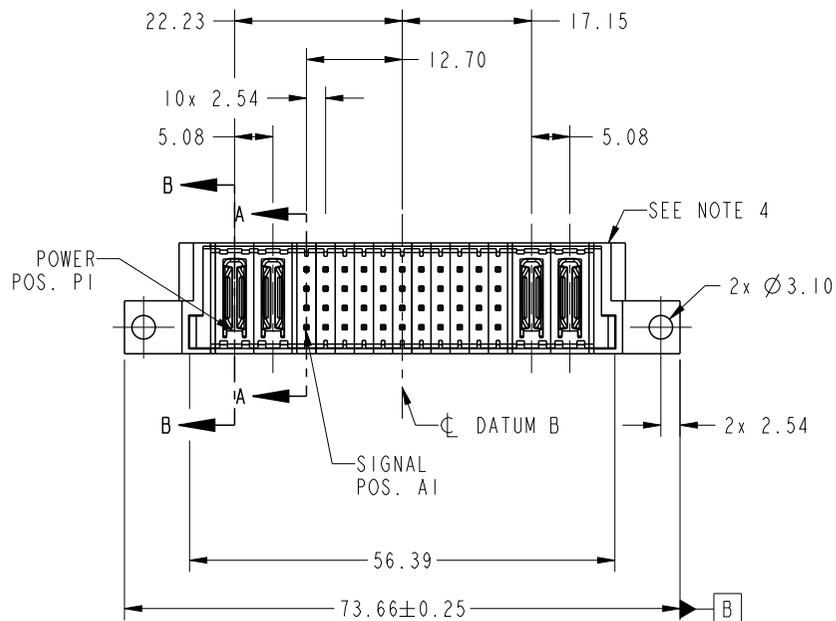
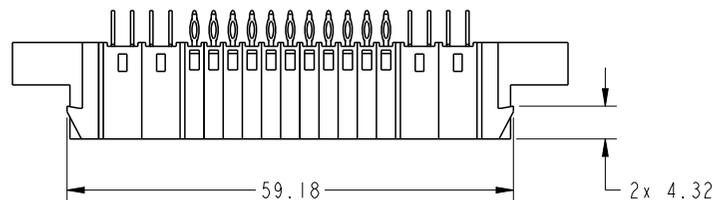


PRODUCT NO.	ROWS	POWER		SIGNAL							POWER		E2						
		E1	P1	P2	1	2	3	4	5	6	7	8		9	10	11	P3	P4	
51963-091-- NOTE ③	D C B A	⊙	PC	PC	G	G	G	G	G	G	G	G	G	G	G	G	PC	PC	⊙

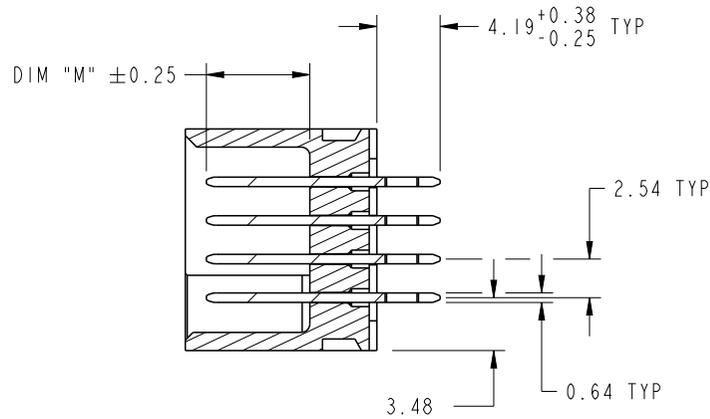


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL

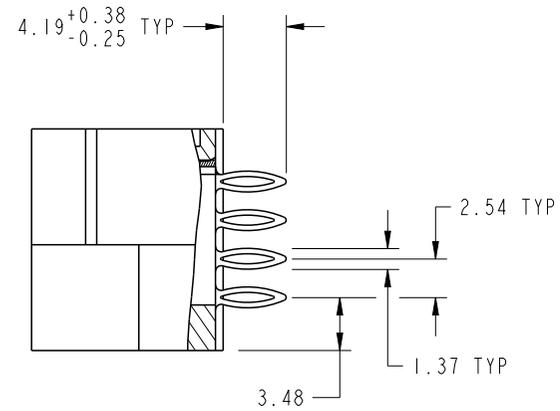
spec ref	See Notes		dr	Ruan MT	2015/01/12	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ruan MT	2015/01/21			ecn no	-		
See Notes			chr	-	-			rel level	Released		
surface	linear	0.X ±0.50	appr	Pei-Ming Zheng	2015/01/21	product family	PwrBlade		rev	A	
		0.XX ±0.25	www.fci.com		title	2DCP + 44S + 2DCP		dwg no	51963-091		
		0.XXX ±0.10				VERTICAL PF HEADER					
	angular	0° ±2°	cat. no.	&model_name		Product - Customer Drw		sheet 1 of 4			

PRODUCT NUMBER

51963-091 --
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1

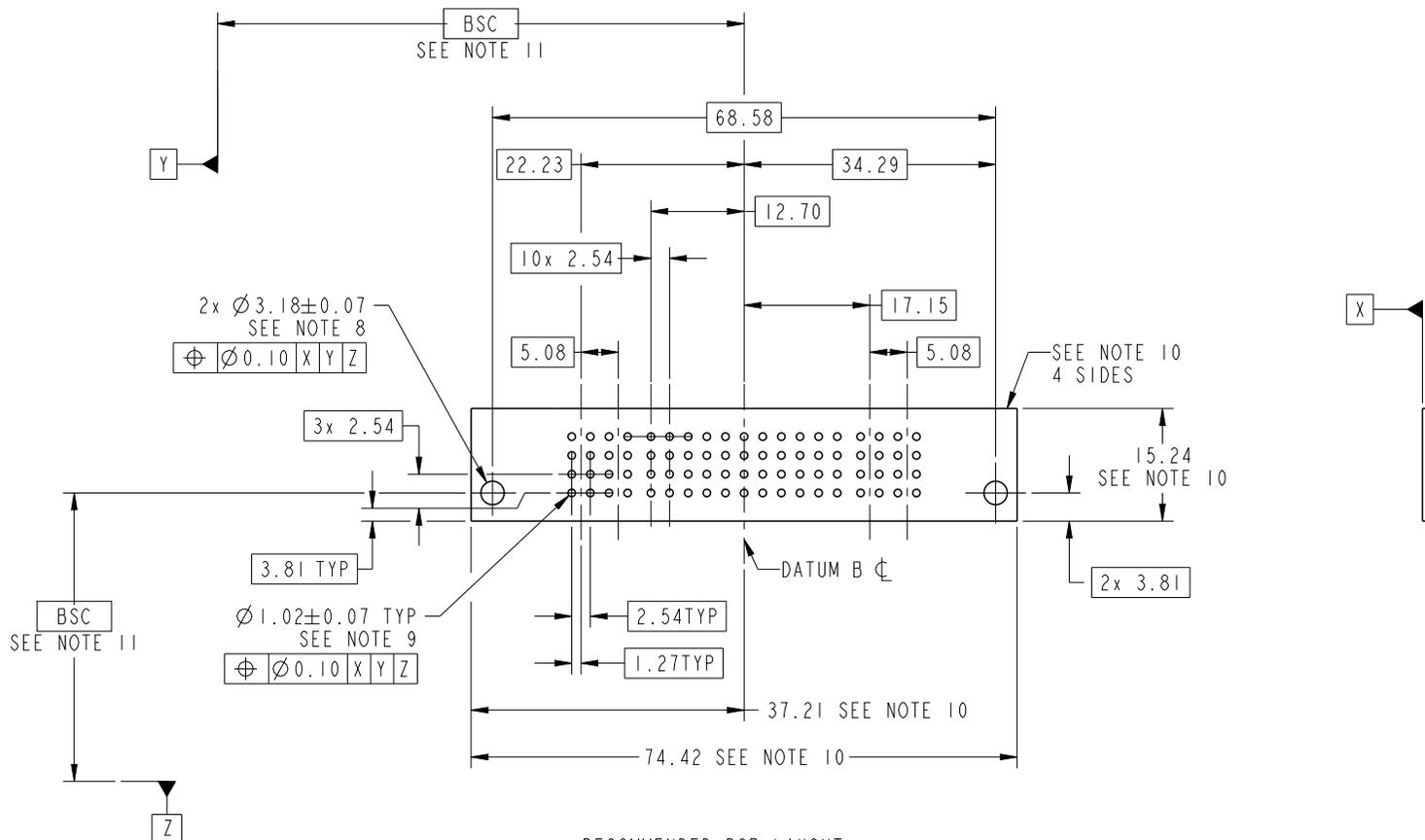


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dr	Ruan MT	2015/01/12	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/01/21			ecn no	-		
chr	-	-			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2015/01/21			title 2DCP + 44S + 2DCP VERTICAL PF HEADER	dwg no 51963-091	rev A	
www.fci.com		cat. no.	&model_name	Product - Customer Drw	sheet 2 of 4			

PRODUCT NUMBER

51963-091 --
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2015/01/12	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/01/21			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2015/01/21	product family	PwrBlade	rev	A		
		title 2DCP + 44S + 2DCP VERTICAL PF HEADER	dwg no 51963-091	www.fci.com	cat. no. & model_name Product - Customer Drw	sheet 3 of 4		

PRODUCT NUMBER

51963-091__
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51963-091 AND 51963-091LF 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 .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm 0.07$ HOLE.

⑩ CONNECTOR KEEP-OUT ZONE.

⑪ DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.

dr	Ruan MT	2015/01/12	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2015/01/21			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2015/01/21	product family	PwrBlade	rel level	Released			
	title	2DCP + 44S + 2DCP VERTICAL PF HEADER			dwg no	51963-091		rev	A
www.fci.com	cat. no.	&model_name	Product - Customer Drw			sheet 4 of 4			



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