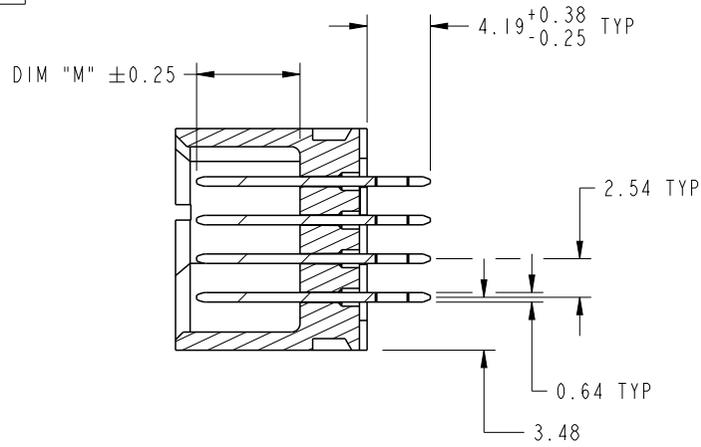


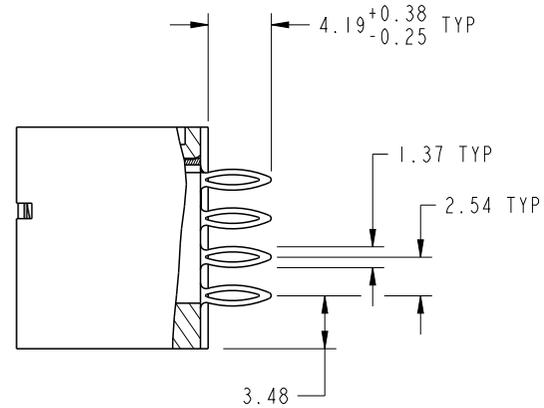
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL
K	[5.59]	SIGNAL
HA	[N/A]	HOLD-DOWN

spec ref	See Notes			dr	Ruan MT	2015/07/13	projection 	MM ←→	size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2015/07/14			ecn no	-	rel level	Released		
See Notes				chr	Fancy Zhang	2015/07/14								
surface	linear	0.X	±0.50	appr	Pei-Ming Zheng	2015/07/14			product family	PwrBlade				
		0.XX	±0.25				title	4P + 32S + 4P		dwg no	51710-048		rev	A
		0.XXX	±0.10											
	angular	0°	±2°											

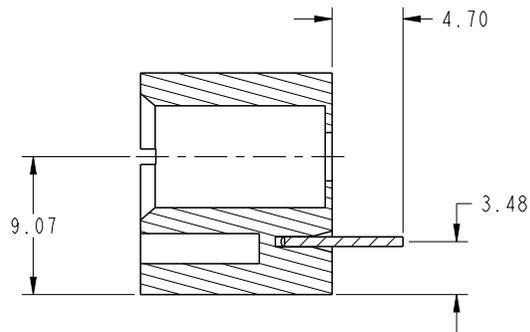
PRODUCT NUMBER  
51710-048\_\_  
NOTE



SECTION A-A  
SCALE 2:1



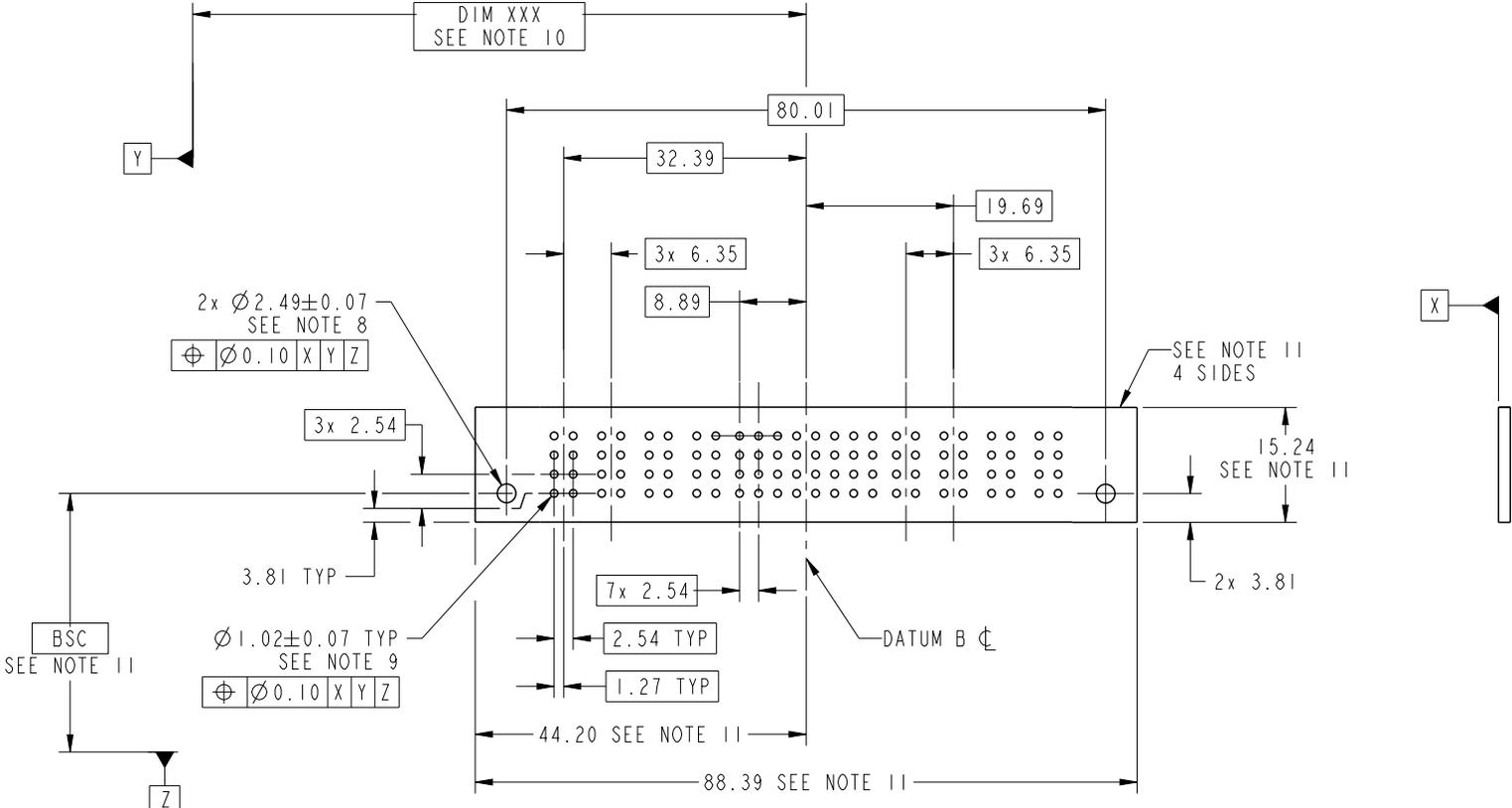
SECTION B-B  
SCALE 2:1



SECTION C-C  
SCALE 2:1

dr	Ruan MT	2015/07/13	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/07/14			ecn no	-		
chr	Fancy Zhang	2015/07/14			rel level	Released		
appr	Pei-Ming Zheng	2015/07/14	product family	PwrBlade				
		title 4P + 32S + 4P VERTICAL PF HEADER	dwg no 51710-048	rev A				
www.fci.com		cat. no.	-	Product - Customer Drw	sheet 2 of 4			

PRODUCT NUMBER  
51710-048\_\_  
NOTE



RECOMMENDED PCB LAYOUT



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dr	Ruan MT	2015/07/13	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/07/14			ecn no	-		
chr	Fancy Zhang	2015/07/14			rel level	Released		
appr	Pei-Ming Zheng	2015/07/14	product family	PwrBlade	rev	A		
		title 4P + 32S + 4P VERTICAL PF HEADER		dwg no 51710-048	sheet 3 of 4			
www.fci.com		cat. no.	-	Product - Customer Drw		sheet 3 of 4		

PrdE File - REV C - 2009-06-09

PRODUCT NUMBER

51710-048\_\_  
NOTE

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 51710-048 AND 51710-048LF 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

dr	Ruan MT	2015/07/13	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/07/14			ecn no	-		
chr	Fancy Zhang	2015/07/14			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2015/07/14			title 4P + 32S + 4P VERTICAL PF HEADER	dwg no 51710-048	rev A	
www.fci.com		cat. no.	-	Product - Customer Drw		sheet 4 of 4		



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