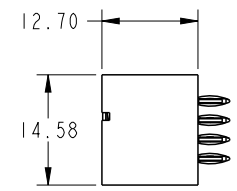
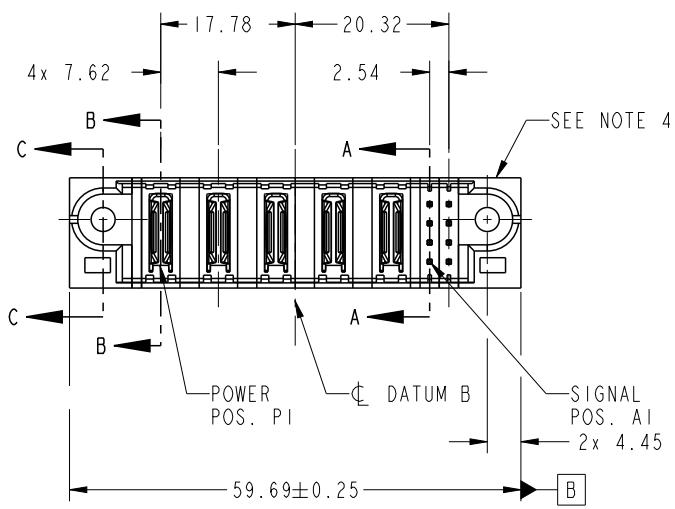




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PRODUCT NO.	ROWS	POWER					SIGNAL		E2
		E1	P1	P2	P3	P4	P5	1 2	
51952-253-- NOTE ③	D C B A		PC	PC	PC	PC	PC		



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

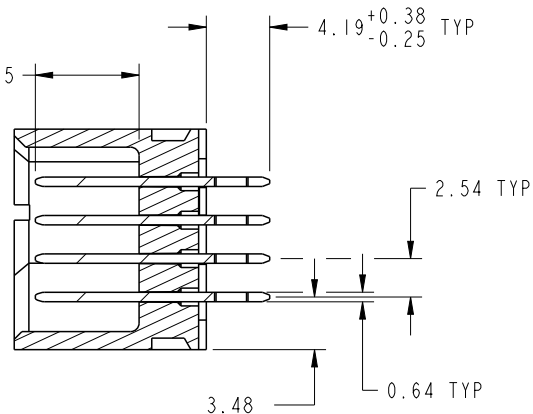
spec ref		See Notes		dr	Jackie Huang	2013/07/16	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jackie Huang	2013/11/08			ecn no				-
				chr	-	-							
				See Notes	appr	Pei-Ming Zheng			2013/11/08	product family			
surface	linear	0.X	±0.50		title				dwg no	51952-253		rev	A
		0.XX	±0.25										
		0.XXX	±0.10										
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw				sheet 1 of 4		

PrintE File - REV C - 2009-06-09

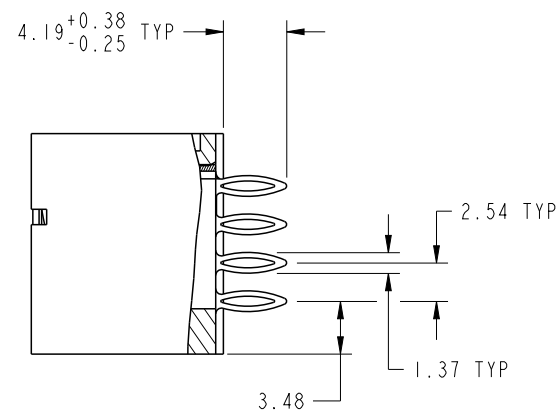
PRODUCT NUMBER

51952-253--  
NOTE 3

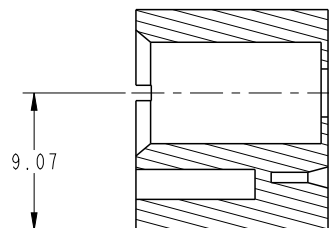
DIM "M"  $\pm 0.25$



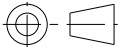


SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1

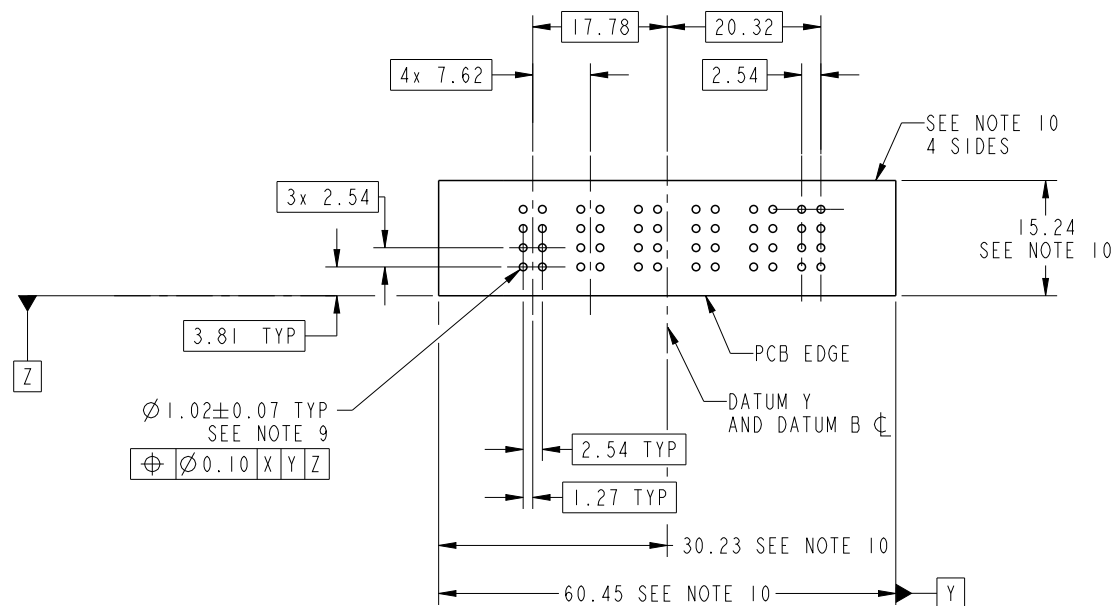


SECTION C-C  
SCALE 2:1

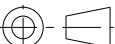


dr	Jackie Huang	2013/07/16	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Jackie Huang	2013/11/08			ecn no		rel level	Released	
chr	-	-							
appr	Pei-Ming Zheng	2013/11/08	product family		PwrBlade				
		title			5ACP+8S		dwg no		
					VERTICAL PF HEADER		51952-253		
www.fci.com		cat. no.		Product - Customer Drw			sheet 2 of 4		
								A	

PRODUCT NUMBER

51952-253--  
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Jackie Huang	2013/07/16	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Jackie Huang	2013/11/08			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2013/11/08	product family		PwrBlade	rel level	Released	
	title 5ACP+8S VERTICAL PF HEADER				dwg no 51952-253	rev A		
www.fci.com	cat. no.		Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER  
51952-253--  
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 51952-253 AND 51952-253LF 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 [.03]  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  HOLE.

- 10 CONNECTOR KEEP-OUT ZONE.

11. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

dr	Jackie Huang	2013/07/16	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Jackie Huang	2013/11/08			ecn no	-				
chr	-	-								
appr	Pei-Ming Zheng	2013/11/08	product family		PwrBlade	rel level		Released		
	title				5ACP+8S				rev	
VERTICAL PF HEADER					51952-253					A
www.fci.com		cat. no.		Product - Customer Drw				sheet 4 of 4		