

PRODUCT NO.	ROWS	POWER				SIGNAL		POWER						
		E1	P1	P2	P3	P4	1	2	3	P5	P6	P7	P8	
51963-072	DCBA	PC	PC	PC	PC	G	G	G	PC	PC	PC	PC	PC	DCBA

A

A

B

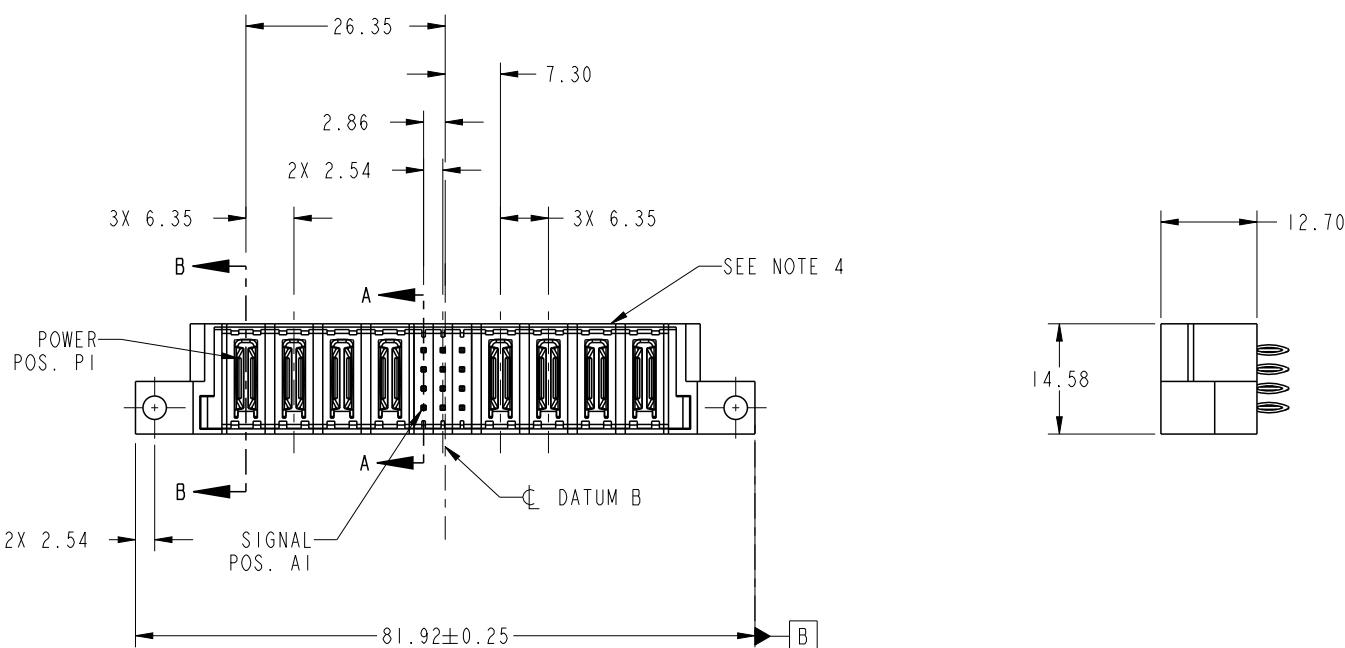
B

C

C

D

D



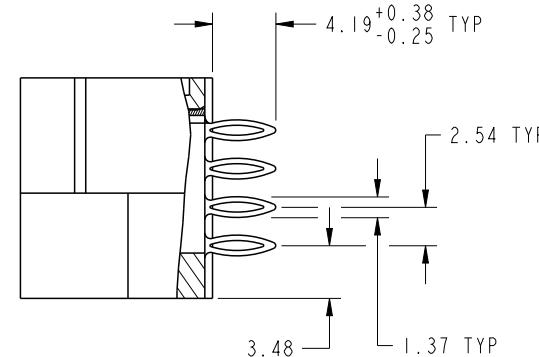
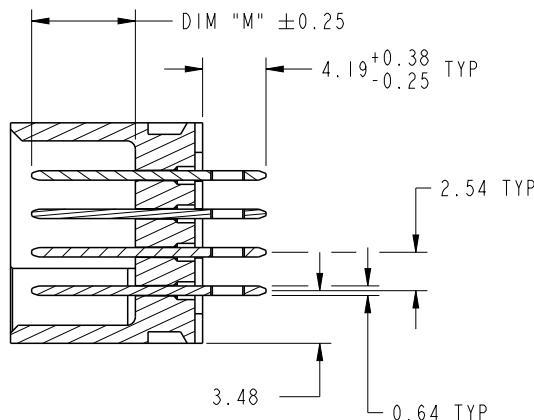
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL

spec ref	SEE NOTE		dr	X Q Wang		2011/05/19	projection	MM	size A4	scale 1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	X Q Wang		2011/05/30								
SEE NOTE			chr	-		-								
surface	✓	linear	0.X ± 0.5		4P + 12S + 4P									
		0.XX	± 0.25		+ VERTICAL PRESS FIT HEADER									
			0.XXX ± 0.1											
			angular 0° $\pm 2^\circ$				www.fci.com							
			cat. no. -		Product - Customer Drw		sheet 1 of 4							

PRODUCT NUMBER
51963-072--
NOTE 3

A

A



B

B

C

C

Copyright FCI.

spec ref	SEE NOTE		dr	x Q Wang	2011/05/19	projection	MM	size	A4	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	X Q Wang	2011/05/30			ecn no		
SEE NOTE			chr	-	-			rel level		
			appr	Pei-Ming Zheng	2011/05/31	product family	PwrBlade			
surface	✓	linear	0.X	±0.5		4P + 12S + 4P	dwg no	51963-072		rev
			0.XX	±0.25		+ VERTICAL PRESS FIT HEADER				A
			0.XXX	±0.1						
		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4	

PRODUCT NUMBER

51963-072
NOTE 3

A

A

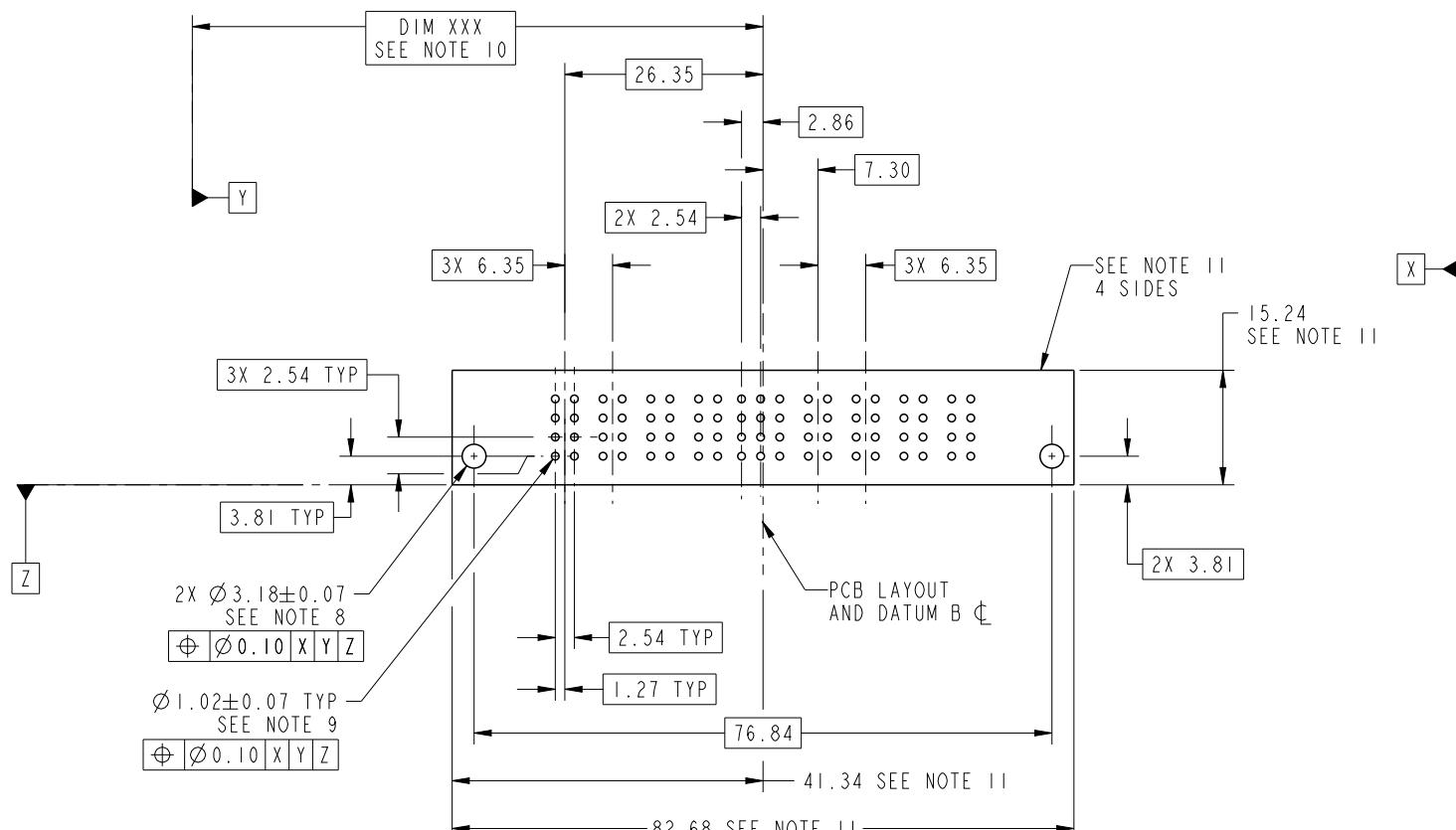
B

B

C

C

Copyright FCI



spec ref	SEE NOTE		dr	X Q Wang		2011/05/19	projection	MM	size	A4	scale
tolerance std	TOLERANCES UNLESS		eng	X Q Wang		2011/05/30	product family	PwrBlade	ecn no	-	rel level
SEE NOTE	OTHERWISE SPECIFIED		chr	-		-					
surface	✓	linear	0.X	±0.5			4P + 12S + 4P + VERTICAL PRESS FIT HEADER	Product - Customer Drw	dwg no	51963-072	rev A
		angular	0.XX	±0.25							
			0.XXX	±0.1							
			0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 3 of 4		

PRODUCT NUMBER

51963-072
NOTE 3

NOTES:

A

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 51963-072 AND 51963-072LF RESPECTIVELY.

B

(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.

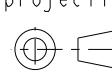
C

(9) $\emptyset 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE $\emptyset 1.02 \pm 0.07$ HOLE.

(10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

(11) CONNECTOR KEEP-OUT ZONE.

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

spec ref	SEE NOTE		dr	x Q Wang	2011/05/19	projection 	MM	size A4	scale 1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED SEE NOTE		eng	X Q Wang	2011/05/30						
chr			-	-	-						
appr			Pei-Ming Zheng	2011/05/31	product family						
surface	✓	linear	0.X	± 0.5	 4P + 12S + 4P + VERTICAL PRESS FIT HEADER			dwg no 51963-072	rev A		
			0.XX	± 0.25							
			0.XXX	± 0.1							
			angular	0°	$\pm 2^\circ$						
					www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4		