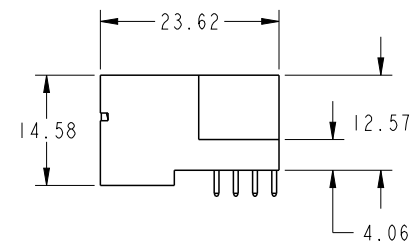
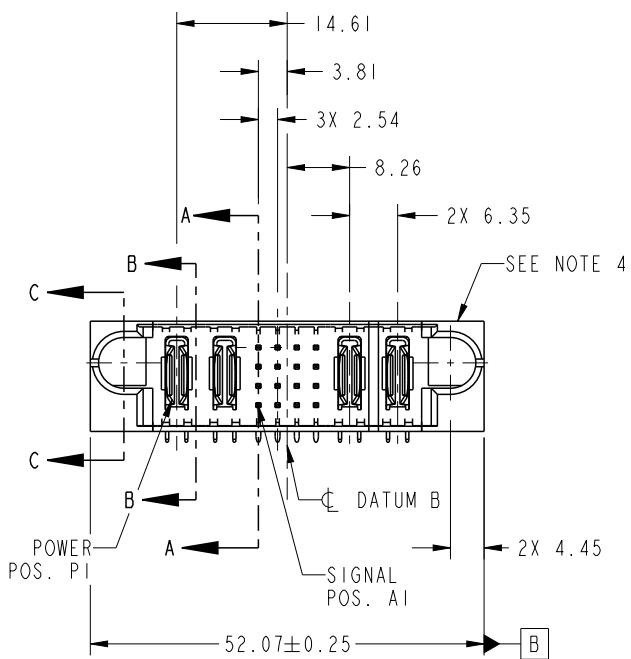


PRODUCT NO.	ROWS	POWER		SIGNAL				POWER			
		E1	P1	P2	1	2	3	4	P3	P4	E2
51939-676P-- NOTE 3	D C B A		PA	PA	U	H	T	G	T	T	
			PA	PA	R	S	F	S	S	R	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
E	[5.59]	SIGNAL
F	[5.59]	SIGNAL
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL



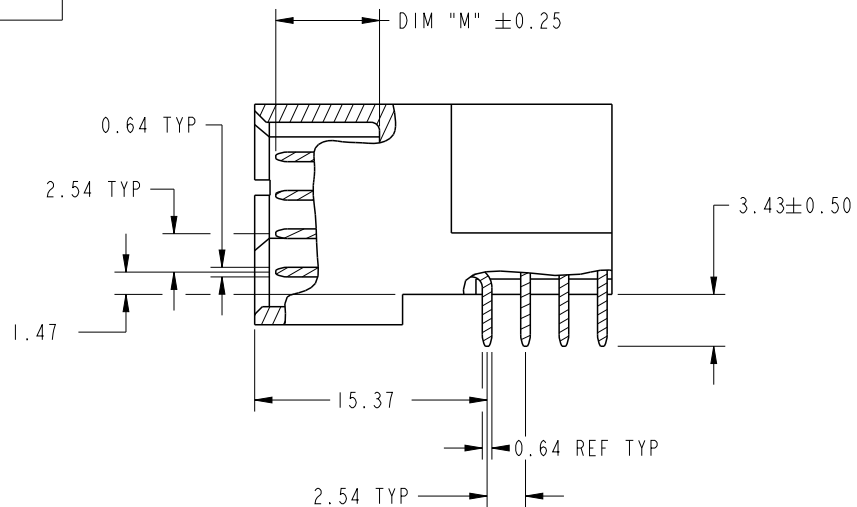
Copyright FCI.

spec ref	*	dr	Guang, Shi	2012/05/16	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	X Q Wang	2012/07/30			ecn no	-		
SEE NOTE		chr	-	-						
surface	✓	appr	Pei-Ming Zheng	2012/08/10	product family	PwrBlade	rel level	Released		
linear	0.X	±0.5		2P + 16S + 2P	dwg no	51939-676P	rev	A		
	0.XX	±0.25						RIGHT ANGLE SOLDER HEADER		
	0.XXX	±0.1						cat. no.	-	Product - Customer Drw
angular	0°	±2°	www.fci.com							

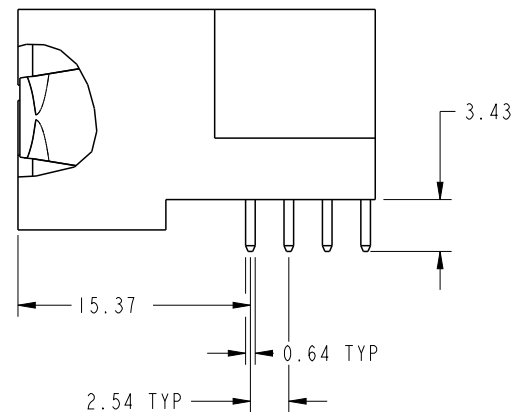
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PRODUCT NUMBER

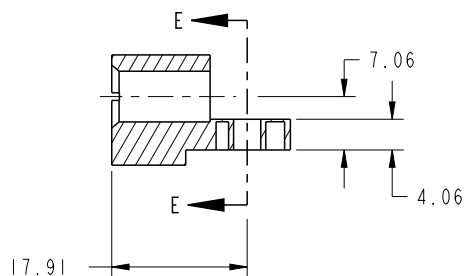
51939-676P--
NOTE: 3



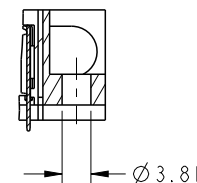
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

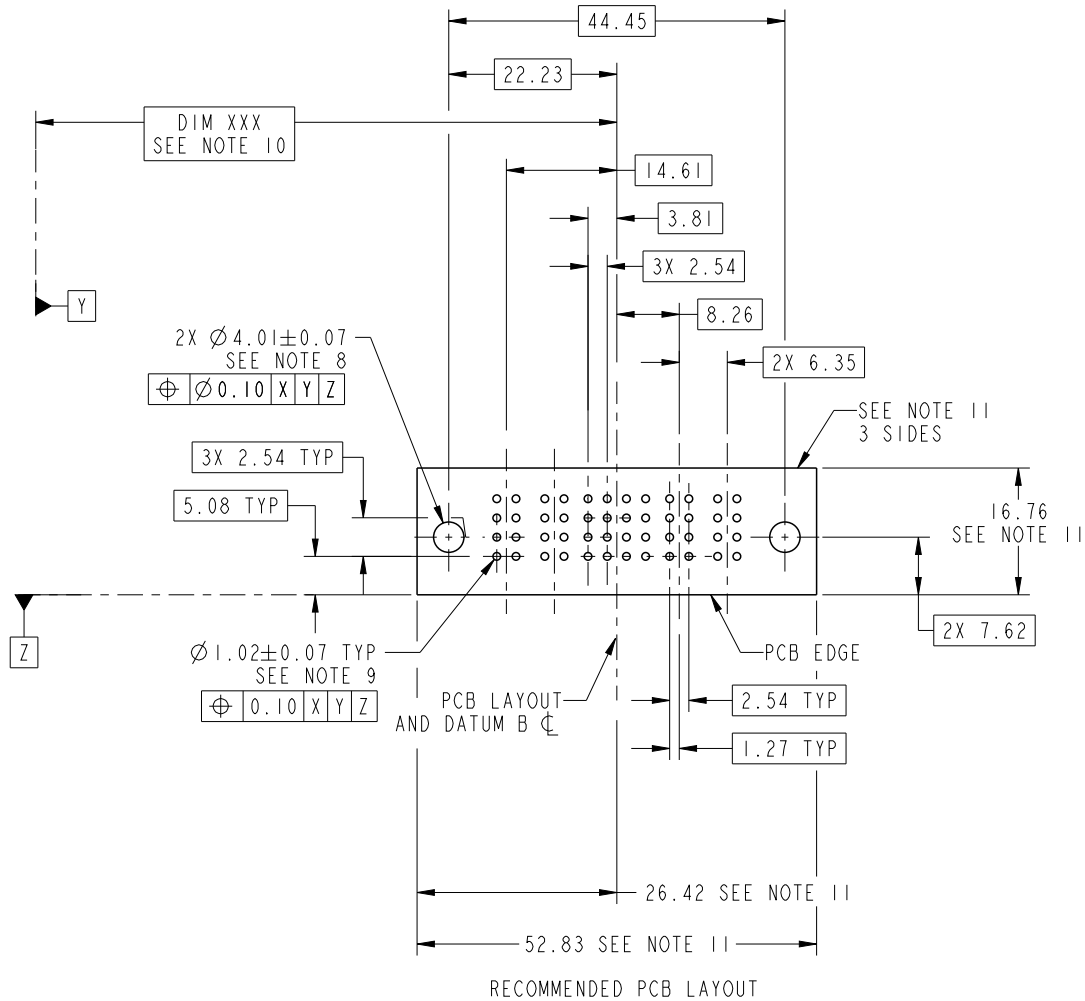


PARTIAL SECTION E-E

dr	Guang, Shi	2012/05/16	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/07/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/08/10	product family	PwrBlade	rev	A		
	title	2P + 16S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51939-676P	sheet 2 of 4		
www.fci.com	cat. no.	-	Product - Customer Drw					

PRODUCT NUMBER

51939-676P--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2012/05/16	projection 	MM 	size	A4	scale	1:1			
eng	X Q Wang	2012/07/30			ecn no	-					
chr	-	-			rel level	Released					
appr	Pei-Ming Zheng	2012/08/10	product family	PwrBlade							
		title			2P + 16S + 2P		dwg no		51939-676P	rev	A
www.fci.com		cat. no.			-		Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER

51939-676P--
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-676P AND 51939-676PLF 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.

dr	Guang, Shi	2012/05/16	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/07/30			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2012/08/10	product family	PwrBlade	rel level	Released		
	title	2P + 16S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51939-676P		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4		



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