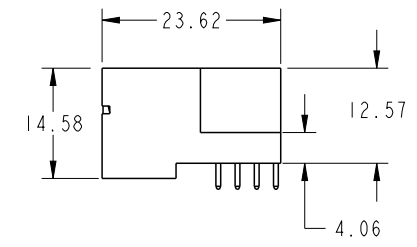
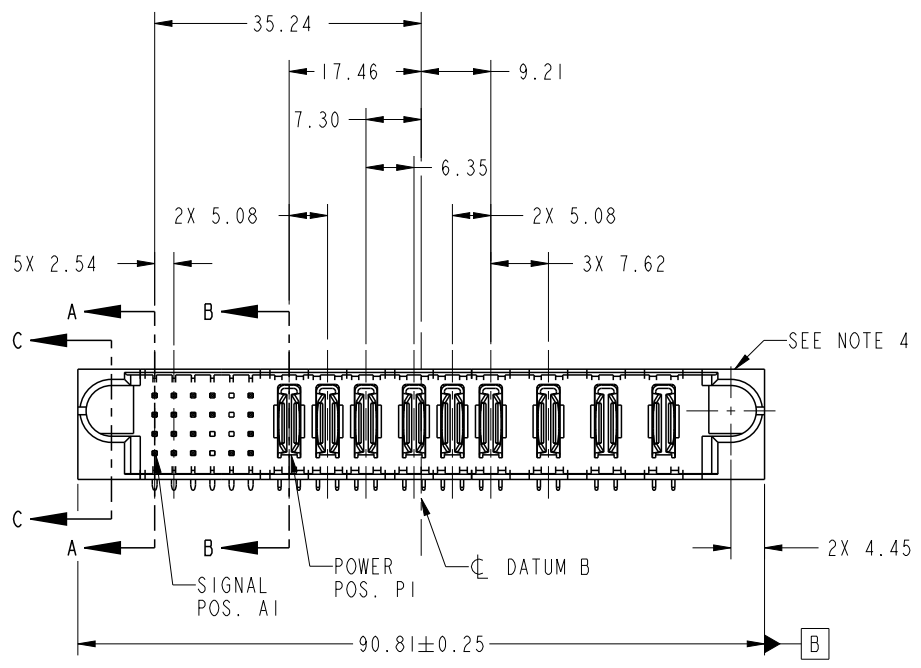




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PRODUCT NO.	ROWS		SIGNAL						POWER										
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	P7	P8	P9	E2	
51939-661-- NOTE 3	D C B A		H	U	U	X	U		PA	PA	PA		PA	PA		PA	PA		
			T	T	T	X	T												
			S	S	S	X	S												
			R	R	R	X	R												
			H H H H H H H U																



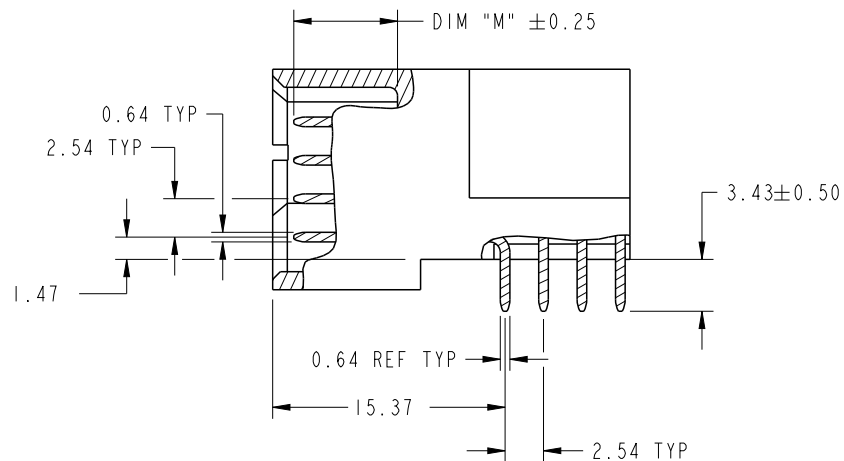
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
H	[5.59]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
X	OMITTED	OMITTED

spec ref *				dr		Shi Guang		2012/04/01		projection		MM		size		A4		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Luo Weller		2013/03/06						ecn no -					
						chr		-		-											
						appr		Pei-Ming Zheng		2013/03/06											
surface ✓		linear		0.X		±0.50				title		24S + 6P + 3ACP		dwg no		51939-661		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					

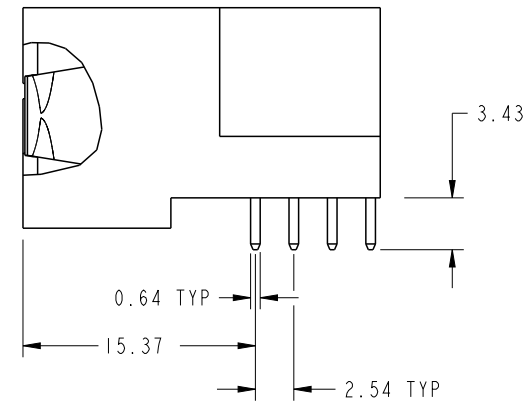
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

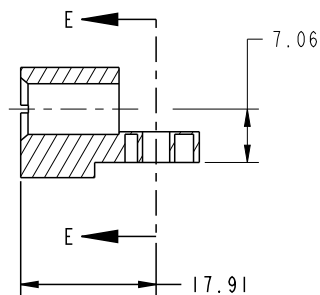
51939-661--
NOTE: 3



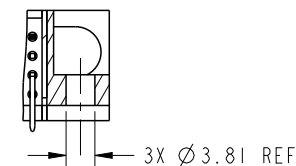
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



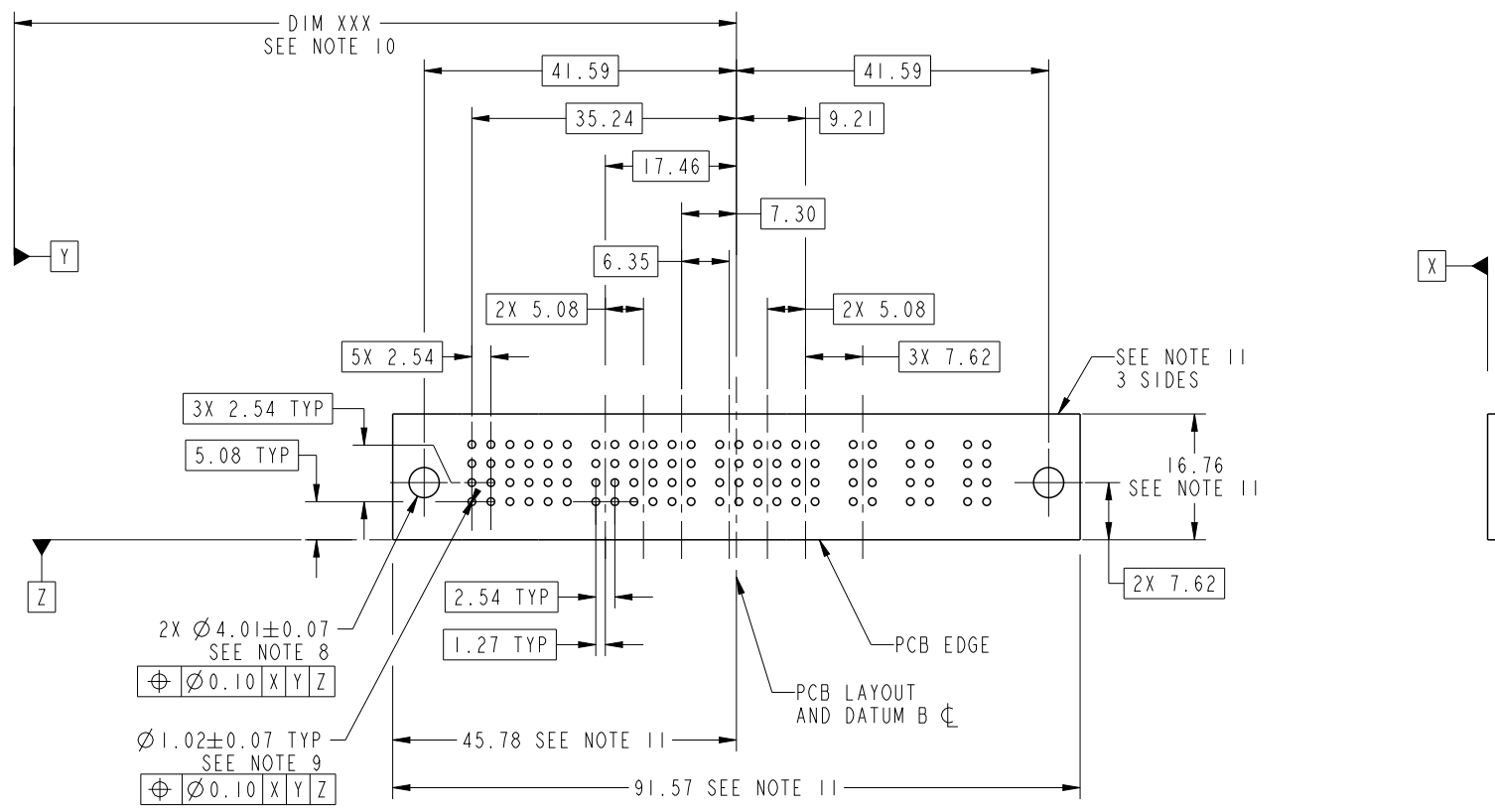
PARTIAL SECTION E-E

dr	Shi Guang	2012/04/01	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/03/06			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/03/06	product family	PwrBlade				
		title	24S + 6P + 3ACP RIGHT ANGLE SOLDER HEADER		dwg no	51939-661		rev
www.fci.com		cat. no.	Product - Customer Drw				sheet 2 of 4	

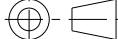


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PRODUCT NUMBER
51939-661--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Shi Guang	2012/04/01	projection 	MM 	size	A4	scale	1:1
eng	Luo Weller	2013/03/06			ecn no			
chr	-	-						
appr	Pei-Ming Zheng	2013/03/06	product family		PwrBlade	rel level Released		
		title 24S + 6P + 3ACP RIGHT ANGLE SOLDER HEADER			dwg no 51939-661		rev A	
www.fci.com		cat. no.		Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER
51939-661--
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 51939-661 AND 51939-661LF 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	Shi Guang	2012/04/01	projection	MM	size	A4	scale	1:1			
eng	Luo Weller	2013/03/06			ecn no -						
chr	-	-									
appr	Pei-Ming Zheng	2013/03/06	product family		PwrBlade		rel level		Released		
	title				24S + 6P + 3ACP			dwg no		51939-661	rev
www.fci.com		cat. no.		Product - Customer Drw					sheet 4 of 4		