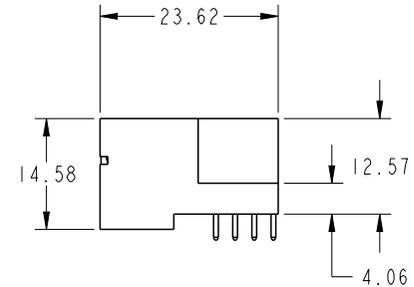
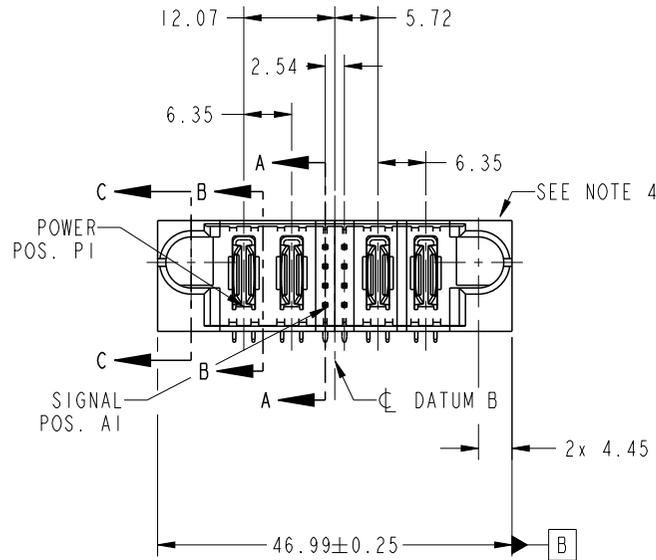


PRODUCT NO.	ROWS	POWER		S	POWER				
		E1	P1	P2	1	2	P3	P4	E2
51730-221-- NOTE 3	DCBA		PA	PA	UH FFF FFF	UH FFF FFF	PA	PA	



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

spec ref	*	dr	Ruan MT	2014/02/17	projection 	MM ←→	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Ruan MT	2014/02/27			ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released		
surface	✓	appr	Pei-Ming Zheng	2014/02/27	product family	PwrBlade	rev		A	
ASME Y14.5	linear	0.X	±0.5		title	2P + 8S + 2P		dwg no	51730-221	
		0.XX	±0.25		RIGHT ANGLE SOLDER HEADER					
		0.XXX	±0.1		cat. no.	-	Product - Customer Drw		sheet 1 of 4	
	angular	0°	±2°	www.fci.com						

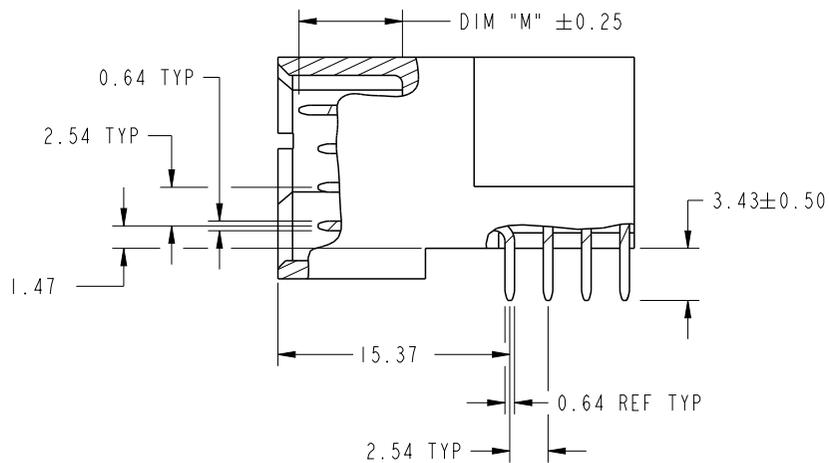


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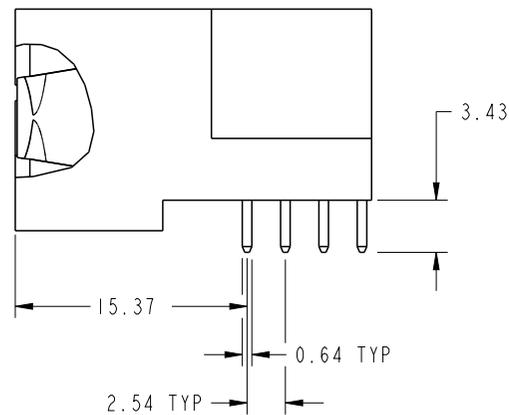
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PRODUCT NUMBER

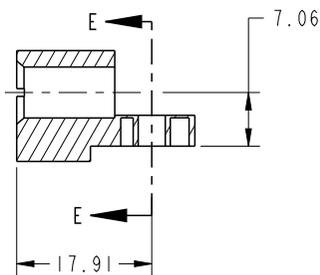
51730-221--
NOTE: 3



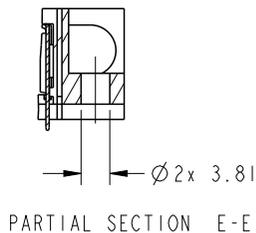
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

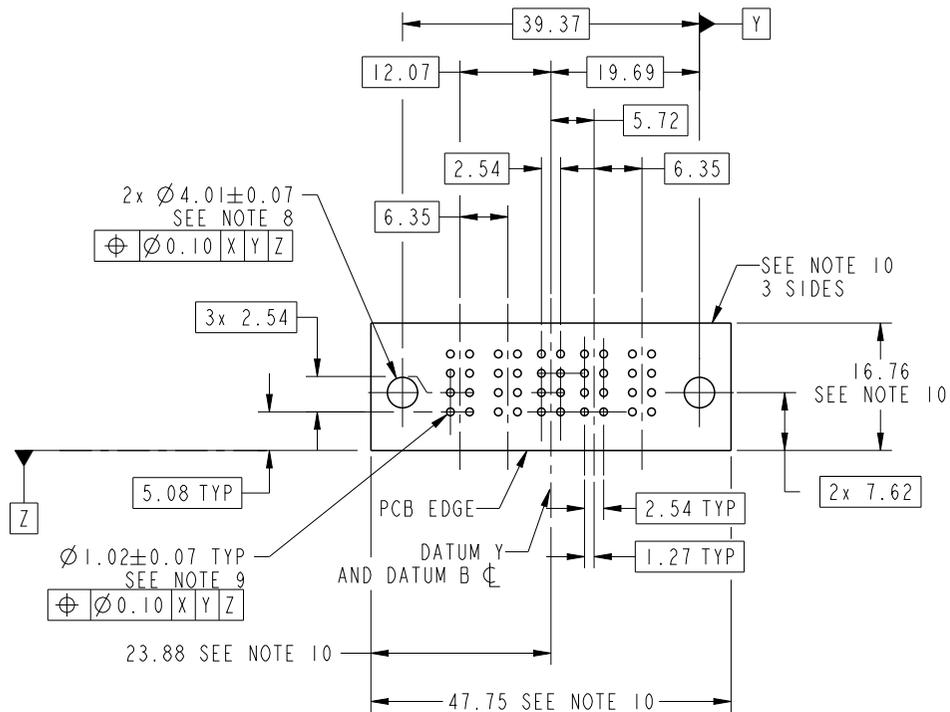


PARTIAL SECTION E-E

dr	Ruan MT	2014/02/17	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/02/27			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/02/27	product family	PwrBlade				
		title 2P + 8S + 2P RIGHT ANGLE SOLDER HEADER	dwg no 51730-221	rev A				
www.fci.com		cat. no.	Product - Customer Drw			sheet 2 of 4		

PRODUCT NUMBER

51730-221--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/02/17	projection 	MM 	size	A4	scale	1:1			
eng	Ruan MT	2014/02/27			ecn no	-					
chr	-	-			rel level	Released					
appr	Pei-Ming Zheng	2014/02/27	product family	PwrBlade							
		title			2P + 8S + 2P		dwg no		51730-221	rev	A
www.fci.com		cat. no.			-		Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER
51730-221--
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 51730-221 AND 51730-221LF 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 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm 0.07$ HOLE.
- 10. CONNECTOR KEEP-OUT ZONE.



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dr	Ruan MT	2014/02/17	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2014/02/27			ecn no	-			
chr	-	-			product family	PwrBlade	rel level	Released	
appr	Pei-Ming Zheng	2014/02/27			title	2P + 8S + 2P		rev	A
www.fci.com			cat. no.	-	Product - Customer Drw	sheet 4 of 4			
			dwg no	51730-221					