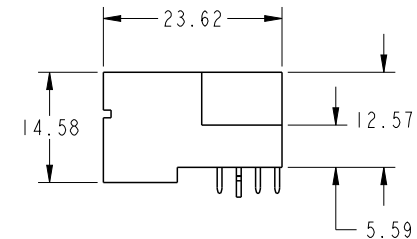
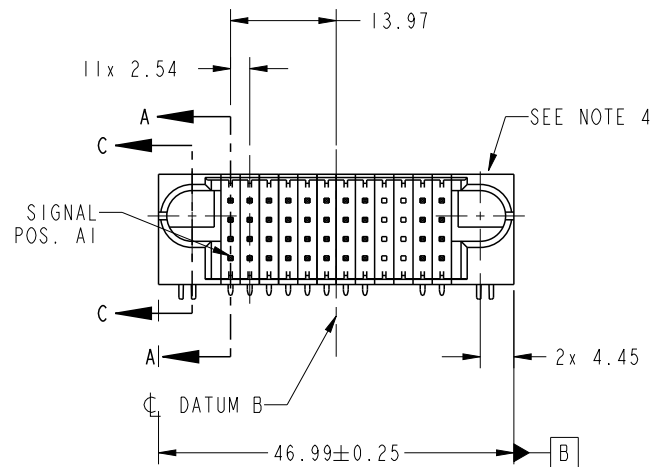




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PRODUCT NO.	ROWS	SIGNAL												E2
		E1	1	2	3	4	5	6	7	8	9	10	11	
51939-833__ NOTE 3	D C B A		H	H	H	H	H	H	H	X	X	H	H	
			G	G	G	G	G	G	G	X	X	G	G	
			F	F	F	F	F	F	F	X	X	F	F	
			E	E	E	E	E	E	E	X	X	E	E	



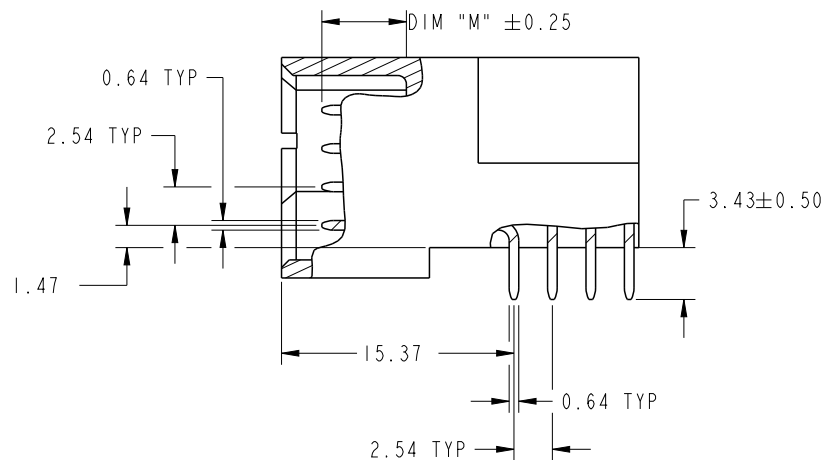
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5.59]	SIGNAL
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
U	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

spec ref *		dr		Luo Weller		2014/02/11		projection		MM		size		A4		scale		1:1									
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Luo Weller		2014/02/21						ecn no		-											
				chr		-																					
				appr		Pei-Ming Zheng		2014/02/21										product family		PwrBlade		rel level		Released			
surface ✓ ASME Y14.5		linear		0.X		±0.5		FCI		title		48S		RIGHT ANGLE SOLDER HEADER		dwg no		51939-833		rev		A					
																								0.XX		±0.25	
																								0.XXX		±0.1	
angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4													

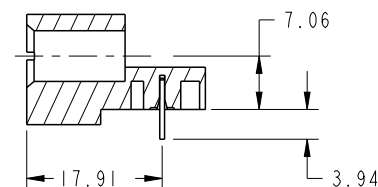
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

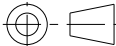
51939-833--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1

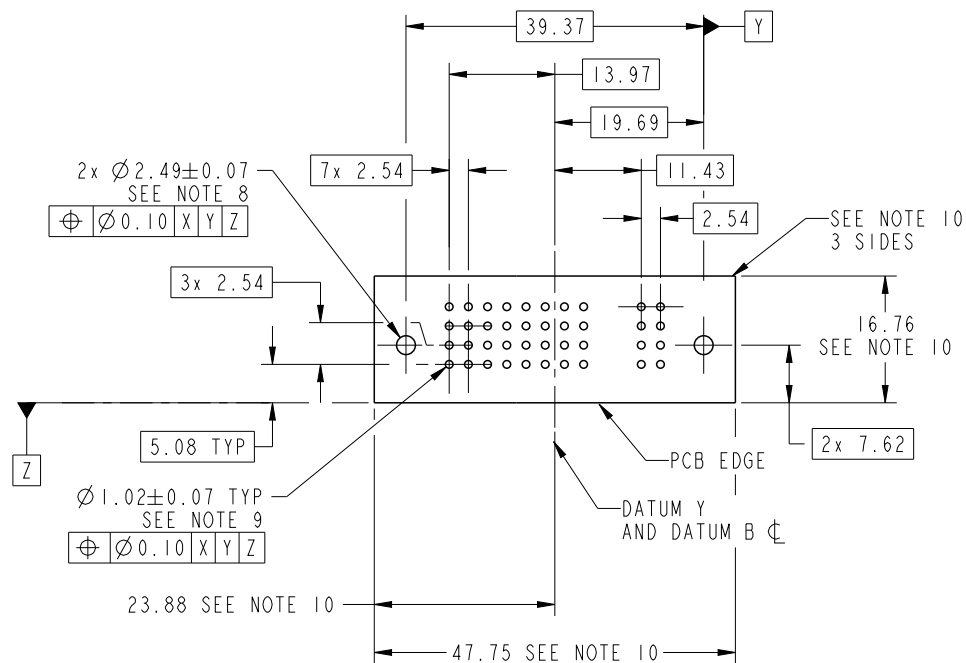


SECTION C-C

dr	Luo Weller	2014/02/11	projection 	MM 	size	A4	scale	1:1		
eng	Luo Weller	2014/02/21			ecn no	-				
chr	-	-								
appr	Pei-Ming Zheng	2014/02/21	product family		PwrBlade		rel level		Released	
	title		48S		dwg no		51939-833		rev	
			RIGHT ANGLE SOLDER HEADER						A	
	www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4	

PRODUCT NUMBER

51939-833--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2014/02/11	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2014/02/21			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/02/21	product family	PwrBlade				
		title		48S	dwg no		51939-833	rev
				RIGHT ANGLE SOLDER HEADER				A
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 3 of 4



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PRODUCT NUMBER
51939-833--
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 51939-833 AND 51939-833LF 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.

dr	Luo Weller	2014/02/11	projection	MM	size	A4	scale	1:1	
eng	Luo Weller	2014/02/21			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/02/21	product family		PwrBlade	rel level		Released	
	title				dwg no	51939-833		rev	
	48S RIGHT ANGLE SOLDER HEADER							A	
www.fci.com	cat. no.		-	Product - Customer Drw			sheet 4 of 4		