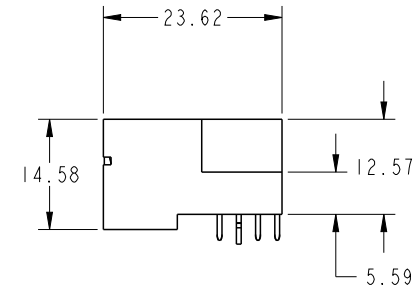
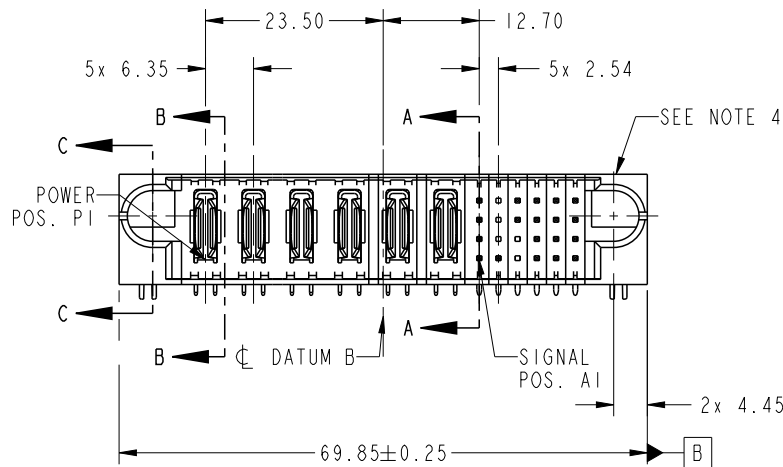




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PRODUCT NO.	ROWS		POWER						SIGNAL						
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	E2
51732-083-- NOTE 3	D C B A														



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

spec ref	*	dr	De-Ming Lu	2014/04/29	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5	eng	De-Ming Lu	2014/05/06			ecn no	-		
surface		chr	-	-			rel level	Released		
ASME Y14.5	linear	0.X	±0.5		title 6P + 24S RIGHT ANGLE SOLDER HEADER	dwg no 51732-083	rev A			
		0.XX	±0.25							
		0.XXX	±0.1							
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 1 of 4

PrintE File - REV C - 2009-06-09

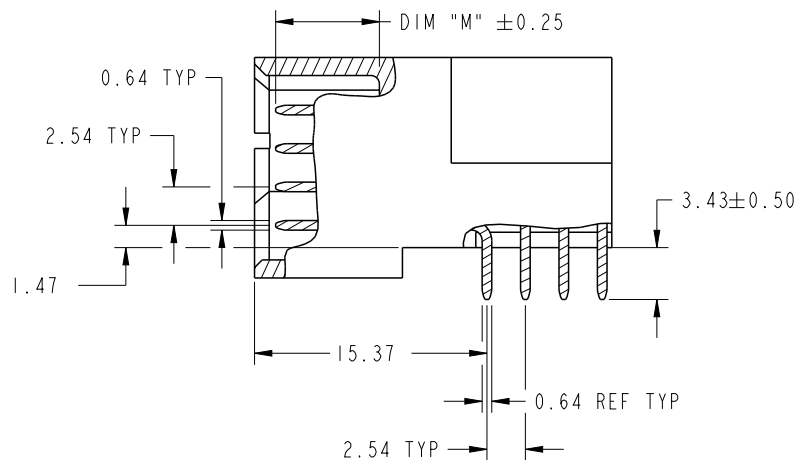
PDS: Rev :A

STATUS:Released

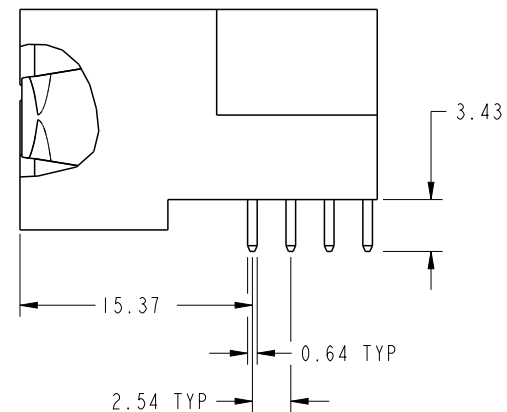
Printed: May 06, 2014

PRODUCT NUMBER

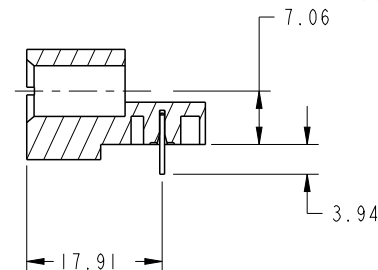
51732-083--
NOTE: 3



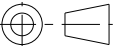
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

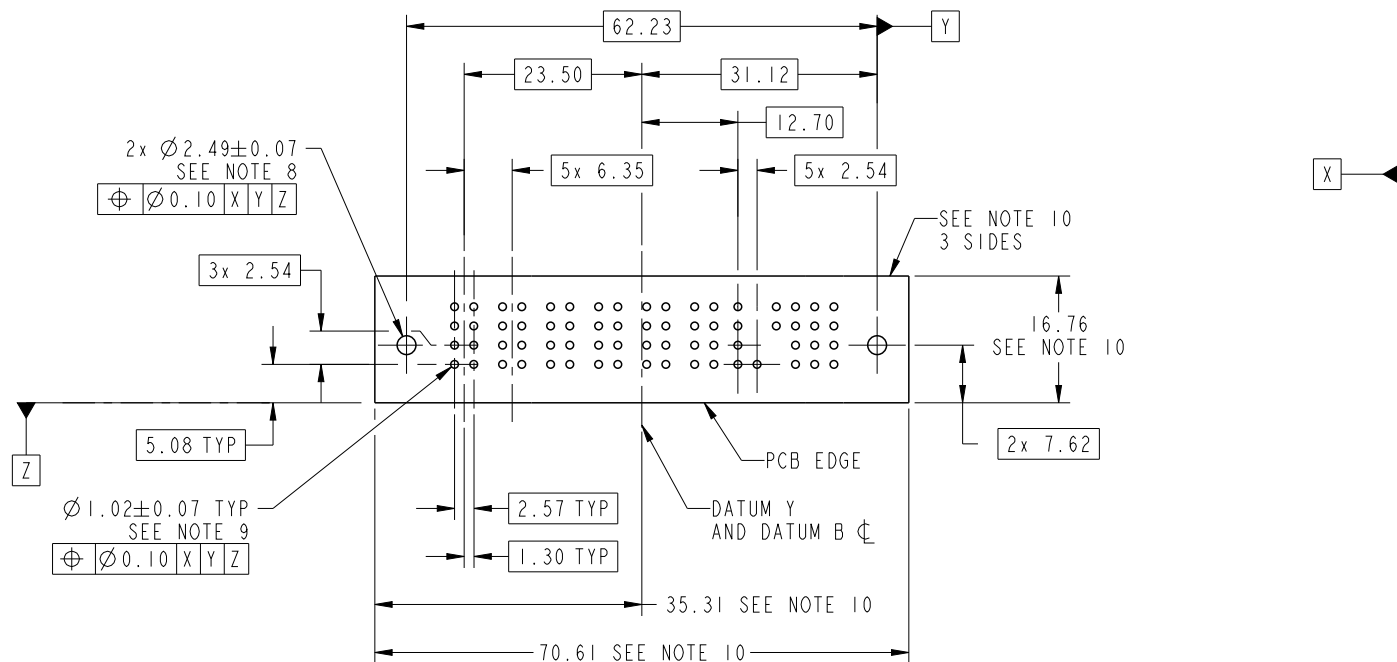


SECTION C-C

dr	De-Ming Lu	2014/04/29	projection 	MM 	size	A4	scale	1:1							
eng	De-Ming Lu	2014/05/06			ecn no				-						
chr	-	-													
appr	Pei-Ming Zheng	2014/05/06	product family		PwrBlade	rel level		Released							
	title				6P + 24S RIGHT ANGLE SOLDER HEADER			dwg no		51732-083		rev		A	
www.fci.com		cat. no.			-		Product - Customer Drw				sheet 2 of 4				

PRODUCT NUMBER

51732-083--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2014/04/29	projection 	MM 	size	A4	scale	1:1	
eng	De-Ming Lu	2014/05/06			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2014/05/06	product family		PwrBlade				
		title			6P + 24S		dwg no		rev
					RIGHT ANGLE SOLDER HEADER		51732-083		A
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 3 of 4



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PRODUCT NUMBER
51732-083--
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 51732-083 AND 51732-083LF 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	De-Ming Lu	2014/04/29	projection	MM	size	A4	scale	1:1	
eng	De-Ming Lu	2014/05/06			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/05/06	product family		PwrBlade	rel level		Released	
	title 6P + 24S RIGHT ANGLE SOLDER HEADER				dwg no	51732-083		rev A	
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4	

Mouser Electronics

Authorized Distributor

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