

















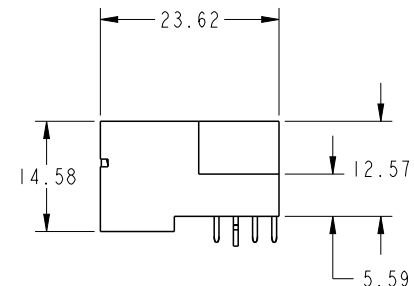
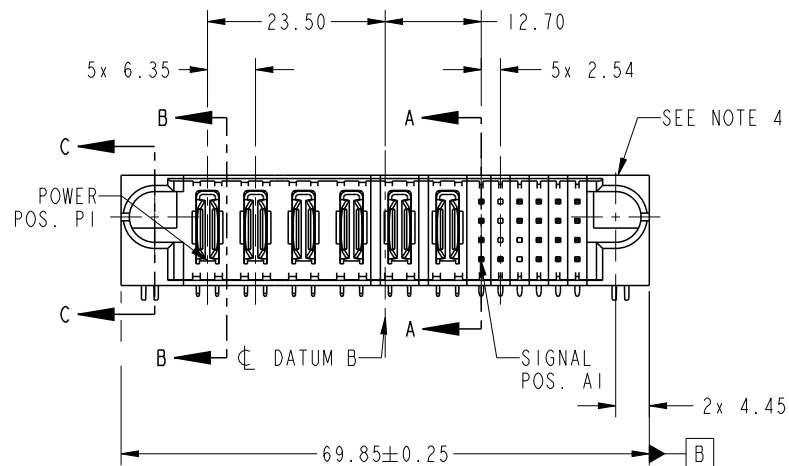


PRODUCT NO.	ROWS		POWER						SIGNAL							
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	E2	
51732-083-- NOTE 3	DCBA			PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	
				PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	
				PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	
				PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	
				PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	
				PA	PA	PA	PA	PA	PA	UX	UX	UX	UX	UX	UX	



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				size		A4		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2014/05/06						ecn no		-		rel level		Released	
chr				-		-															
ASME Y14.5				appr		Pei-Ming Zheng		2014/05/06		product family		PwrBlade									
surface				linear		0.X		±0.5				title		6P + 24S		dwg no		51732-083		rev	
ASME Y14.5		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

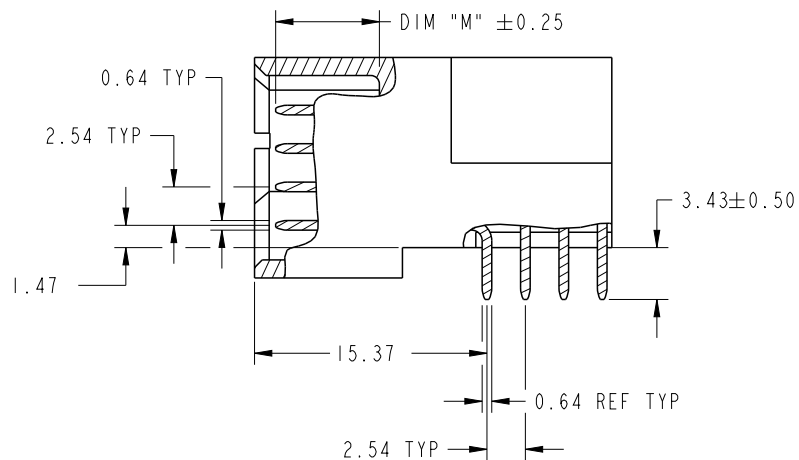
PDS: Rev :A

STATUS:Released

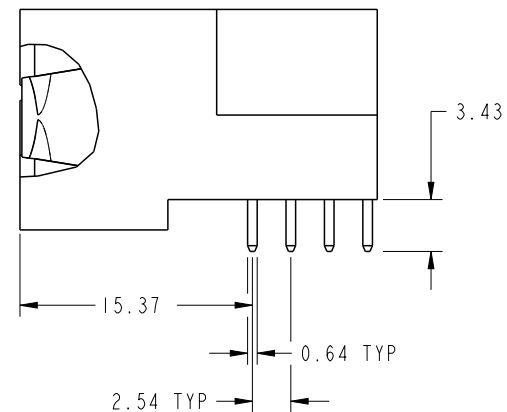
Printed: May 06, 2014

PRODUCT NUMBER

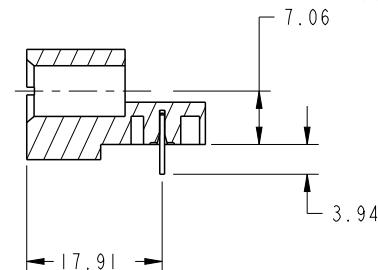
51732-083--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1

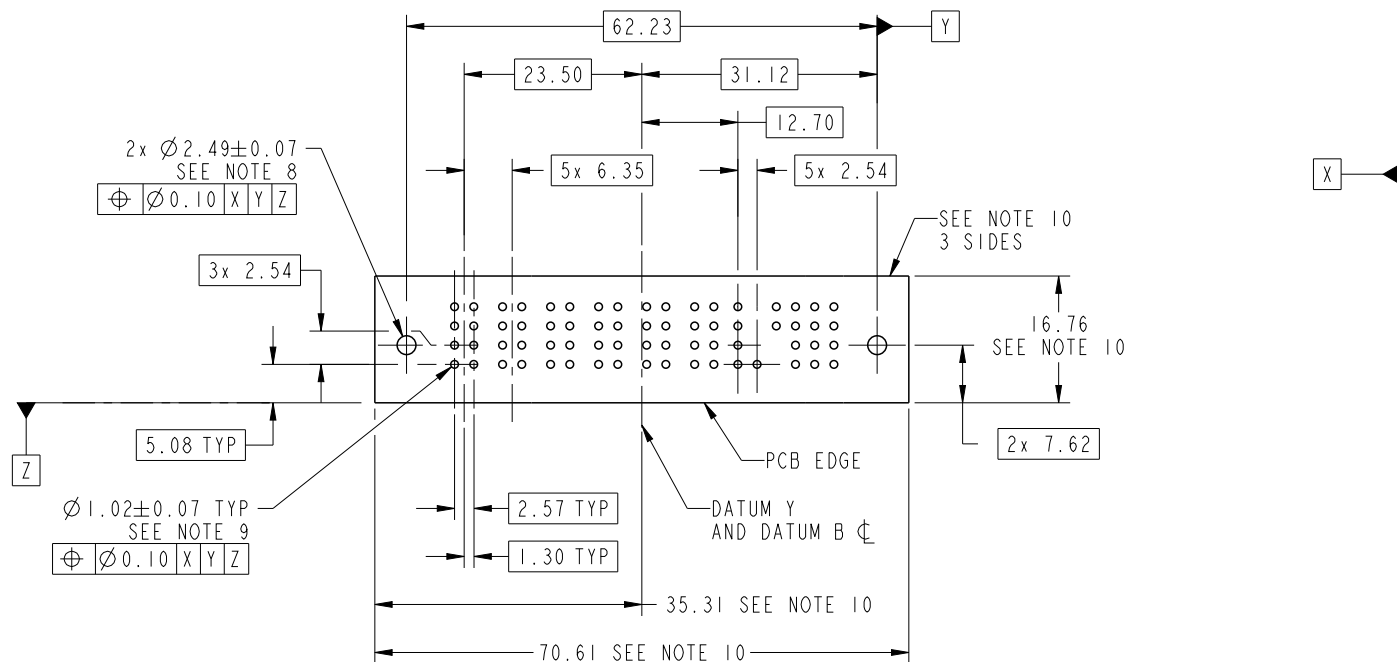


SECTION C-C

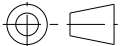


dr	De-Ming Lu	2014/04/29	projection	MM	size	A4	scale	1:1
eng	De-Ming Lu	2014/05/06			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/05/06	product family	PwrBlade				
	title	6P + 24S RIGHT ANGLE SOLDER HEADER	dwg no	51732-083	rev	A		
www.fci.com	cat. no.	-	Product - Customer Drw	sheet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

PRODUCT NUMBER

51732-083--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2014/04/29	<div>projection</div> <div></div>	<div>MM</div> <div></div>	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 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	<div>projection</div> <div></div>	<div>MM</div> <div></div>	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			
<div>FCi</div>		title			6P + 24S			dwg no		51732-083	rev	A
		RIGHT ANGLE SOLDER HEADER										
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 4		