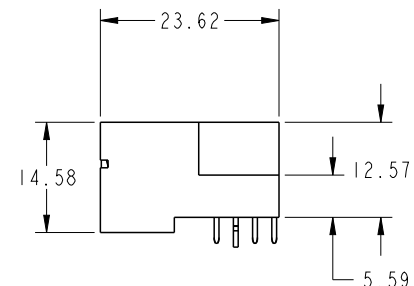
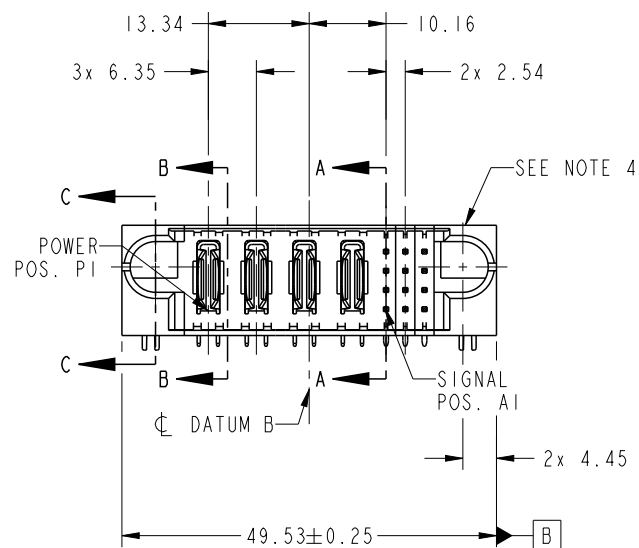
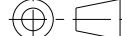


PRODUCT NO.	ROWS	POWER SIGNAL								
		E1	P1	P2	P3	P4	1	2	3	E2
51732-086-- NOTE 3	D C B A									
										



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
G	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

spec ref		*		dr	Ruan MT	2014/06/18	projection 	MM 	size	A4	scale	1:1	
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2014/07/03			ecn no	-			
				chr	-	-							
				appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade		rel level		Released
surface ✓ ASME Y14.5	linear	0.X	±0.5		title 4P + 12S RIGHT ANGLE SOLDER HEADER				dwg no	51732-086			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



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cat. no.

-

Product - Customer Drw

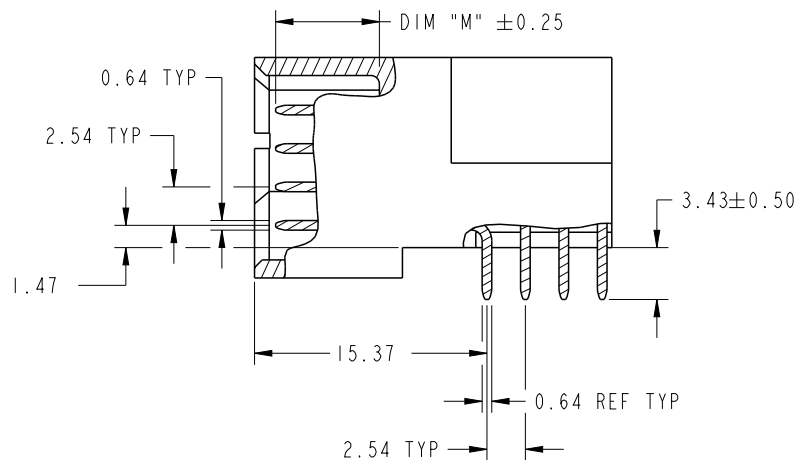
sheet 1 of 4

51732-086

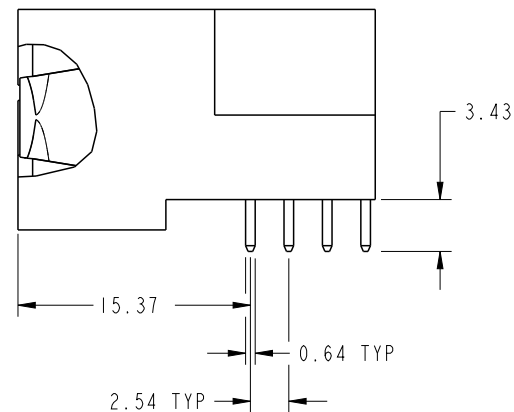
A

PRODUCT NUMBER

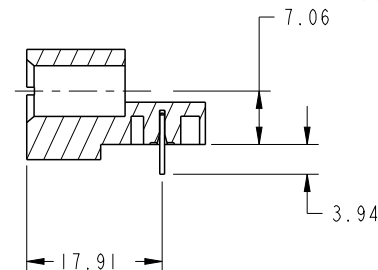
51732-086--
NOTE: 3



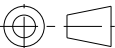
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

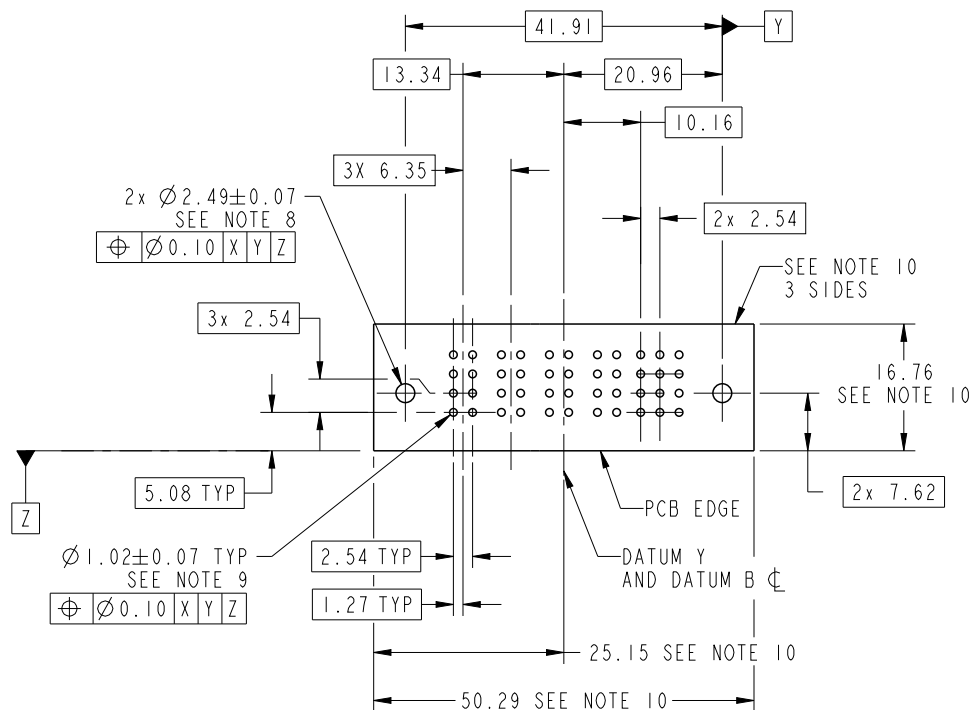


SECTION C-C

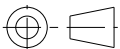
dr	Ruan MT	2014/06/18	projection 	MM 	size	A4	scale	1:1				
eng	De-Ming Lu	2014/07/03			ecn no				-			
chr	-	-										
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade		rel level		Released			
	title				4P + 12S				dwg no	51732-086	rev	A
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 2 of 4		

PRODUCT NUMBER

51732-086--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/06/18	projection 	MM 	size	A4	scale	1:1				
eng	De-Ming Lu	2014/07/03			ecn no				-			
chr	-	-			rel level				Released			
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade		rev					
	title				4P + 12S			dwg no		51732-086		A
www.fci.com		cat. no.		-		Product - Customer Drw			sheet 3 of 4			



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PRODUCT NUMBER
51732-086--
NOTE: 3

NOTES:

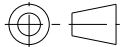
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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 51732-086 AND 51732-086LF 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	Ruan MT	2014/06/18	projection 	MM 	size	A4	scale	1:1			
eng	De-Ming Lu	2014/07/03			ecn no				-		
chr	-	-									
appr	Pei-Ming Zheng	2014/07/03	product family		PwrBlade	rel level		Released			
		title			4P + 12S			dwg no	51732-086	rev	A
		RIGHT ANGLE SOLDER HEADER									
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4			