

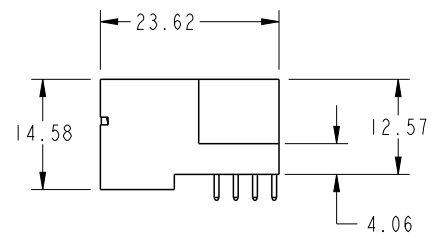
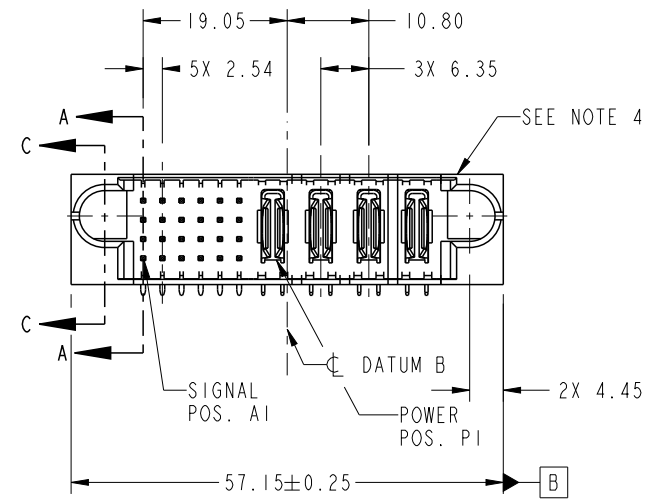




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PRODUCT NO.	ROWS		SIGNAL						POWER				
		E1	1	2	3	4	5	6	P1	P2	P3	P4	E2
51939-631-- NOTE 3	D C B A		UUUUUUU	TTTTTTTTT	SSSSSSS	RRRRRRE			PA	PA	PA	PA	
			U	U	U	U	U	U	U	U	U	U	

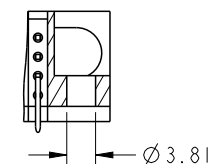
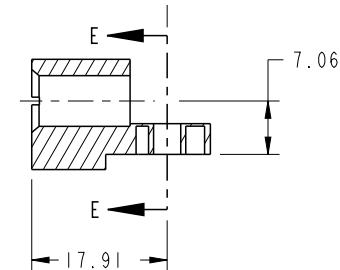
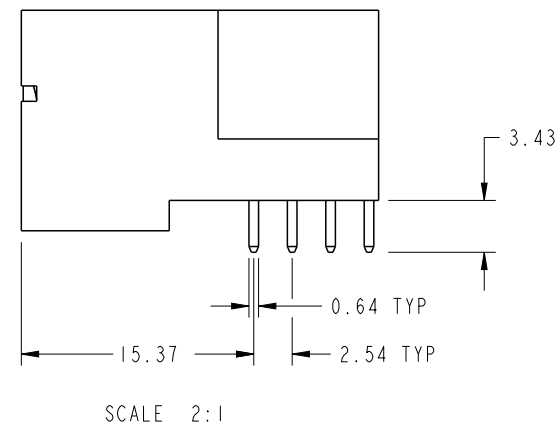
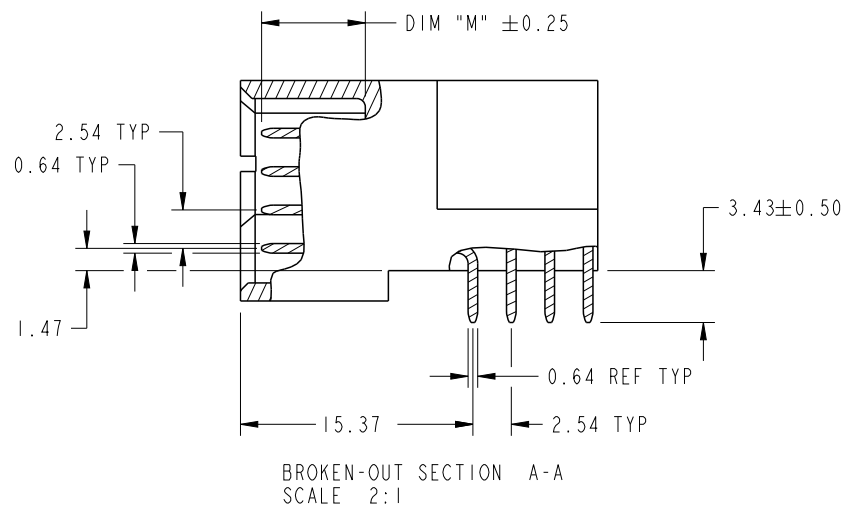


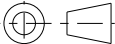


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
E	[5.59]	SIGNAL

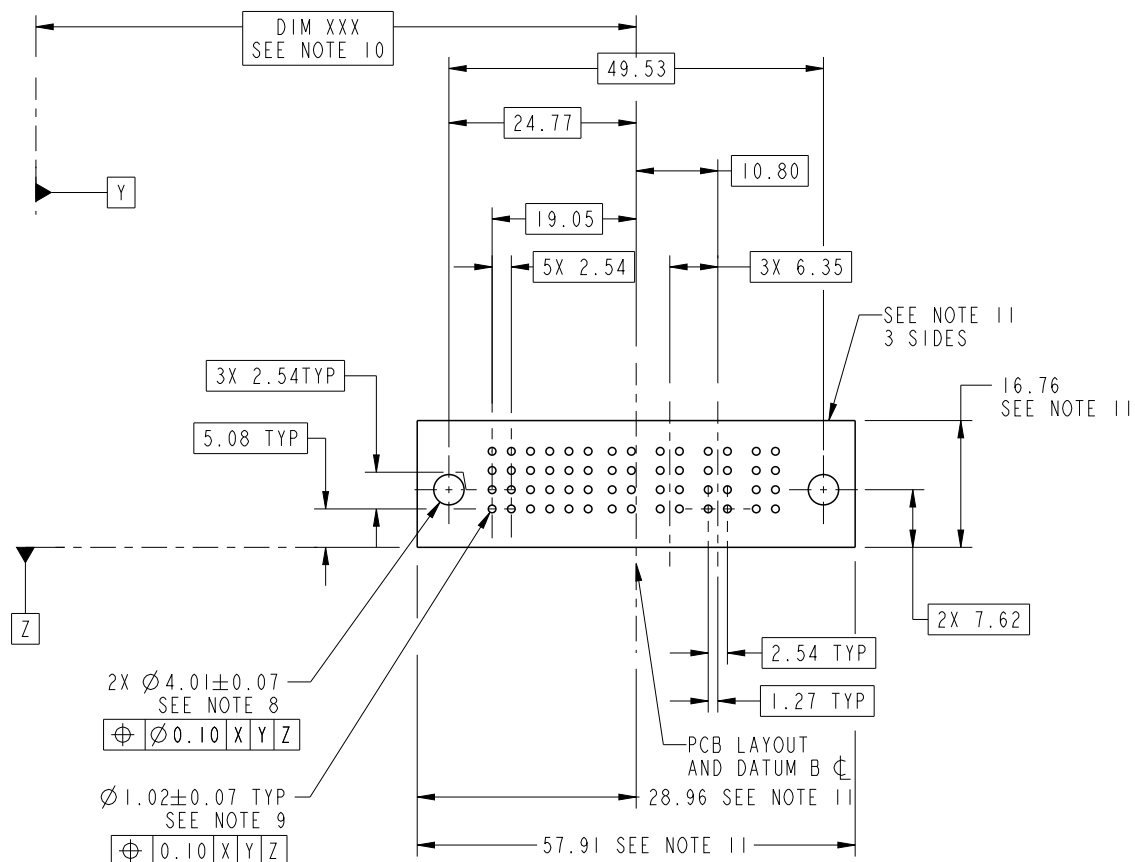
spec ref		SEE NOTES			dr		Guang, Shi		2011/11/09		projection		MM		size		A4		scale		1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Guang, Shi		2011/12/30						ecn no		-						
SEE NOTES					chr		-		-						rel level		Released						
					appr		Pei-Ming Zheng		-						product family		PwrBlade						
surface ✓		linear		0.X		±0.50				title		24S + 4P		RIGHT ANGLE SOLDER HEADER		dwg no		51939-631		rev		A	
				0.XX		±0.25																	
				0.XXX		±0.10																	
		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4									

PRODUCT NUMBER

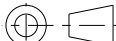


51939-631--
NOTE: 3



dr	Guang, Shi	2011/11/09	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
eng	Guang, Shi	2011/12/30			ecn no	-	rel level	Released			
chr	-	-									
appr	Pei-Ming Zheng	-	product family	PwrBlade							
		title			24S + 4P		dwg no		51939-631	rev	A
RIGHT ANGLE SOLDER HEADER											
www.fci.com		cat. no.		Product - Customer Drw					sheet 2 of 4		



RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2011/11/09	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1				
eng	Guang, Shi	2011/12/30			ecn no				-			
chr	-	-			rel level					Released		
appr	Pei-Ming Zheng	-	product family			PwrBlade						
	title			24S + 4P			dwg no		51939-631		rev	
www.fci.com		cat. no.		Product - Customer Drw						sheet 3 of 4		



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PRODUCT NUMBER
51939-631-- 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 51939-631 AND 51939-631LF RESPECTIVELY.
 - 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE P/N 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. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - 11. CONNECTOR KEEP-OUT ZONE.

dr	Guang, Shi	2011/11/09	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Guang, Shi	2011/12/30			ecn no -				
chr	-	-							
appr	Pei-Ming Zheng	-	product family		PwrBlade	rel level			Released
<div></div>		title			24S + 4P	dwg no			rev
					RIGHT ANGLE SOLDER HEADER	51939-631			A
www.fci.com		cat. no.		Product - Customer Drw				sheet 4 of 4	