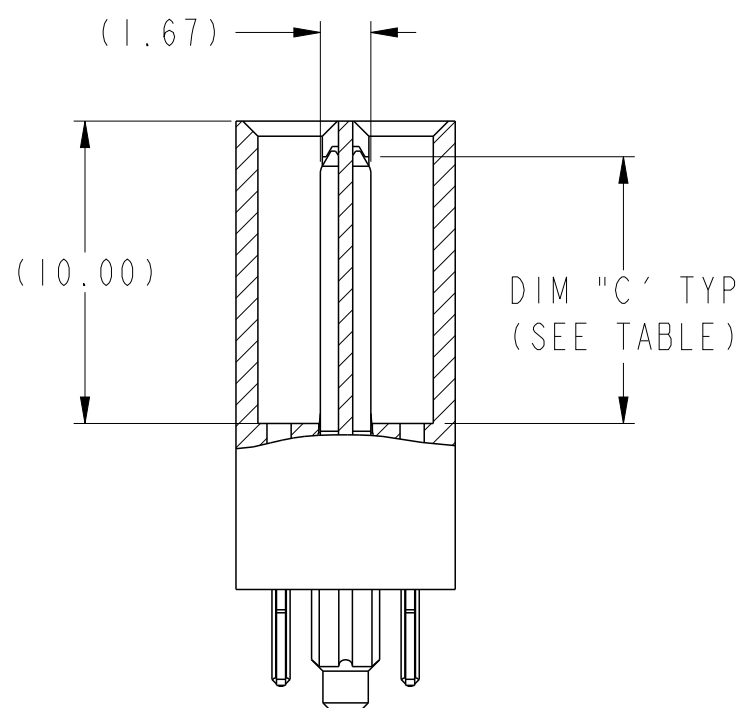
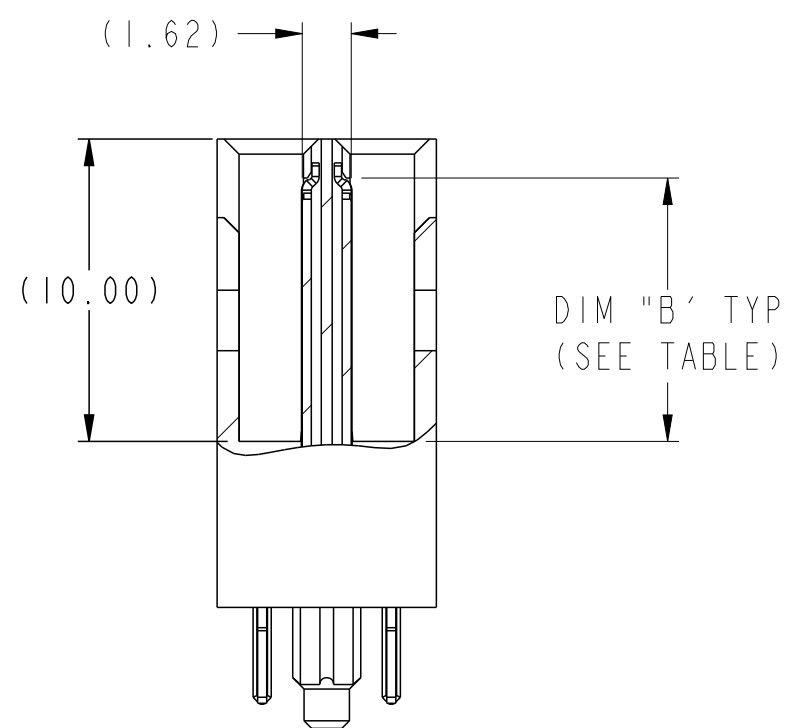
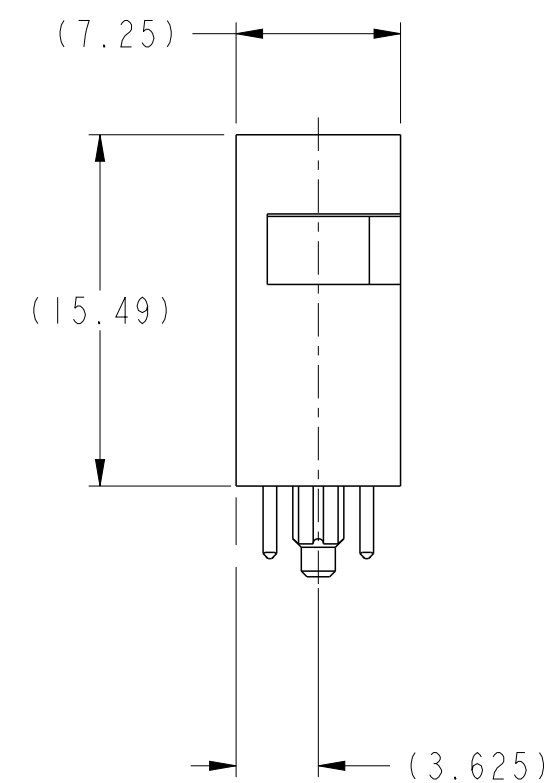
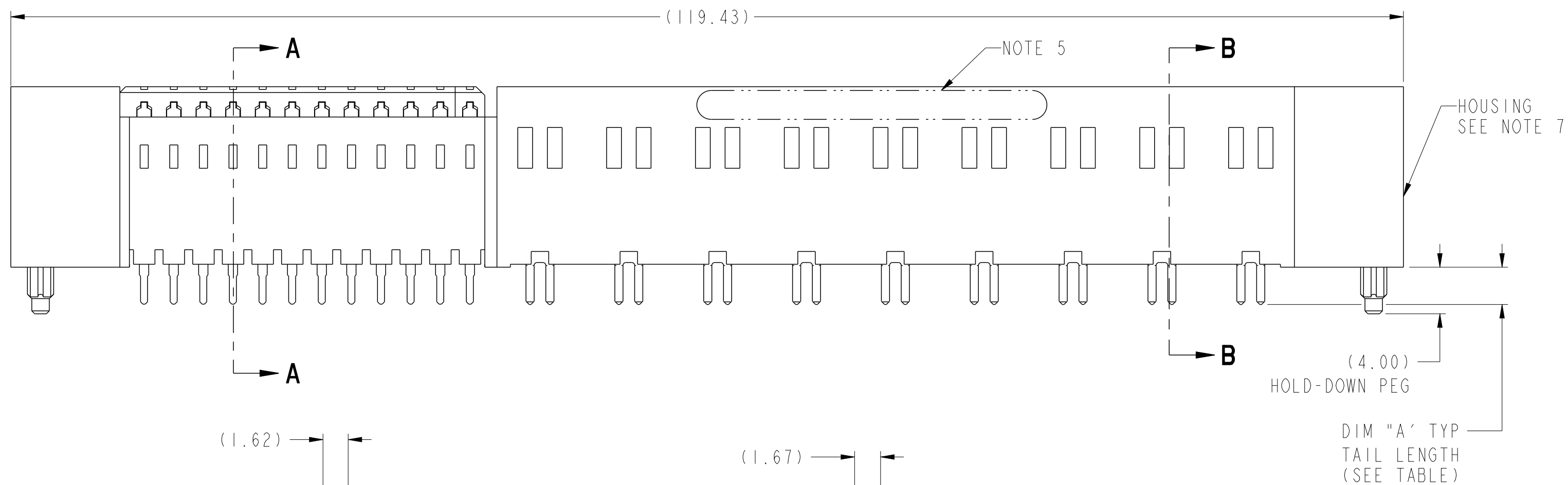
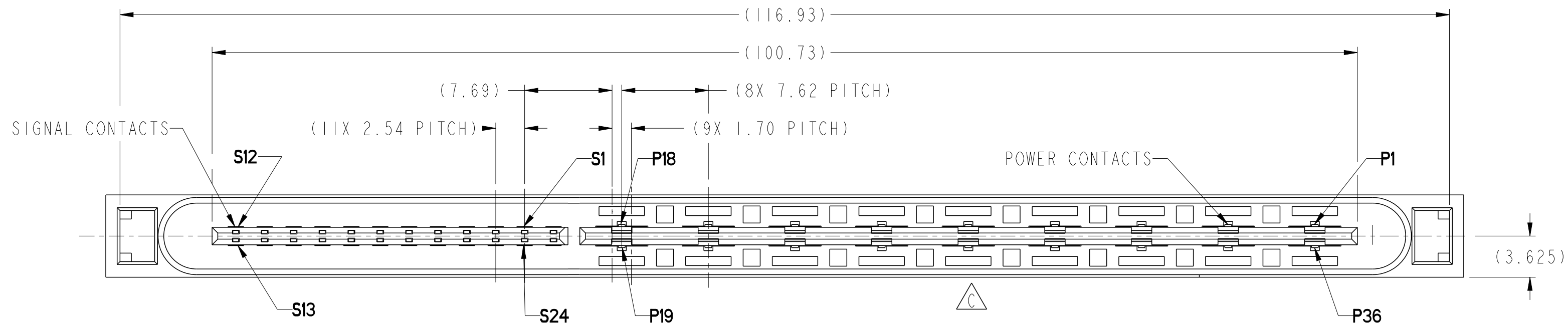
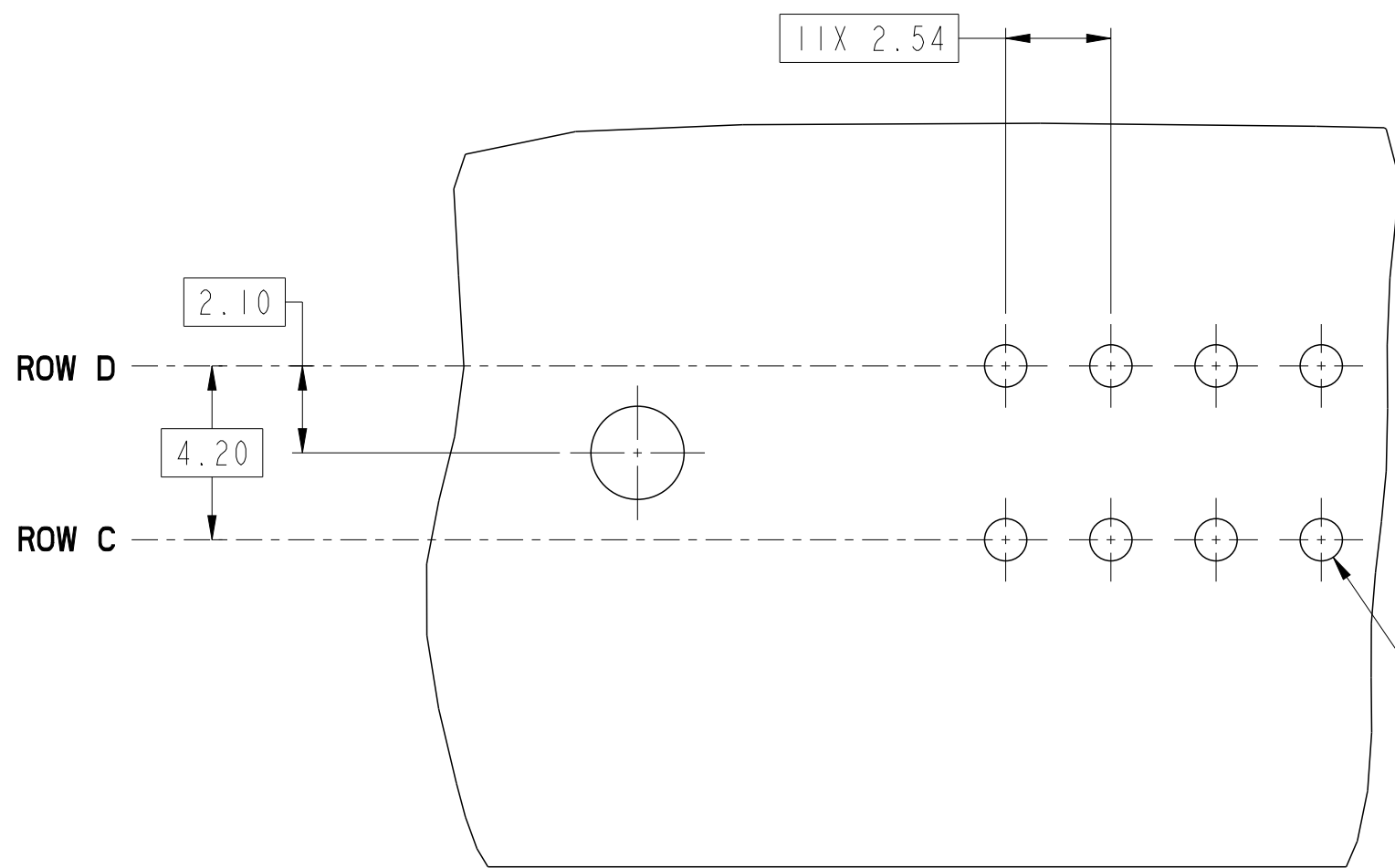
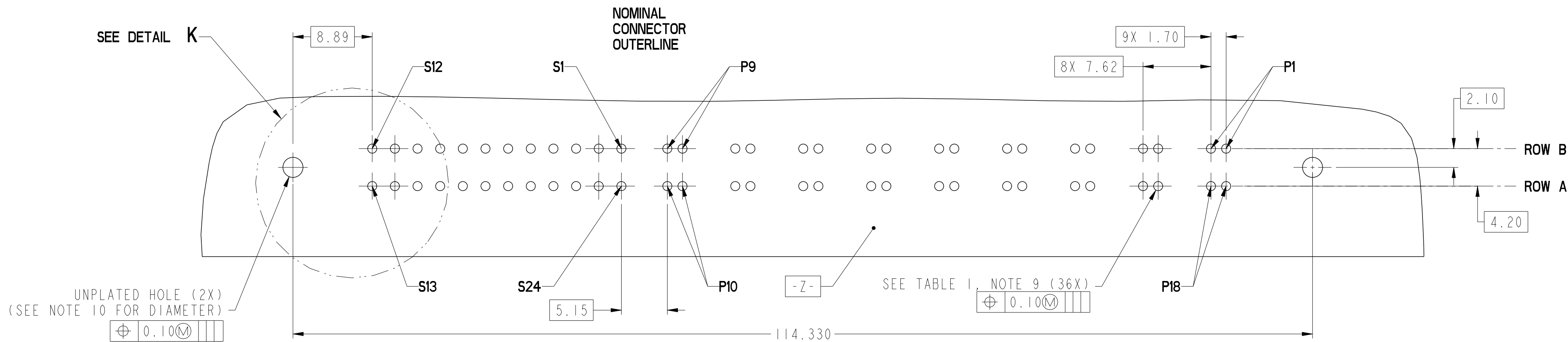


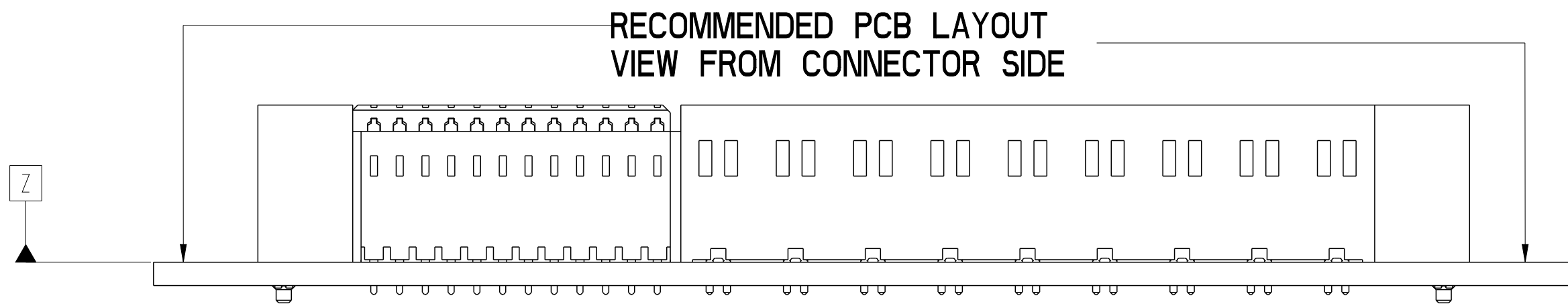


spec ref	-	dr	S Jaganathan	2012/06/25	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Liu Jenson	2014/04/22	chr	Jon Qin	ecn no	ELX-DG-17541-1	rel level	Released
surface	✓	appr	Collins Lu	2014/04/25	product family	HPCE	dwg no	10120942	rev	D
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.10	0.XXX	±0.050	angular	0°	±2°
TOLERANCES UNLESS OTHERWISE SPECIFIED		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4		

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10



DETAIL K
SCALE 6:1



spec ref	-	dr	S Jaganathan	2012/06/25	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Liu Jenson	2014/04/22	chr	Jon Qin	ecn no	ELX-DG-17541-1	rel level	Released
surface	✓	appr	Collins Lu	2014/04/25	product family	HPCE	dwg no	10120942	rev	D
ASME Y14.5	linear	angular	0°	±2°	0.X	±0.3	0.XX	±0.10	0.XXX	±0.050

PRODUCT PART NUMBER

10120942-□□□□□LF

BASE PART NUMBER

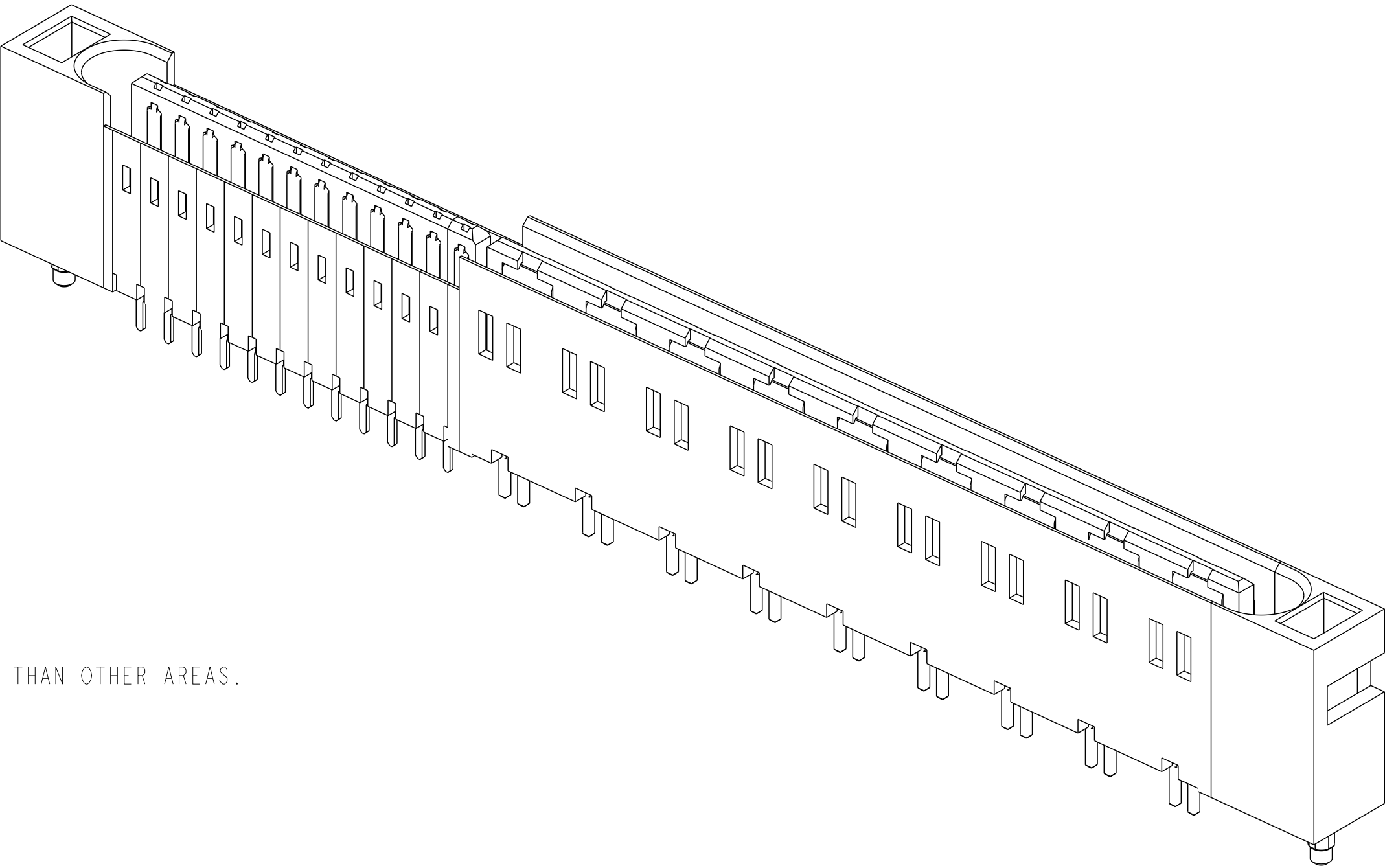
CONTACT AREA PLATING
UNDERPLATED 50u"(1.27um) MIN. NICKEL
1: 100u"(2.5um) MIN. Ag
2: 30u"(0.760um) MIN. GXT

FIRST MATE LAST BREAK PIN POSITION
000: ALL PINS ARE LONG PINS SEE TABLE

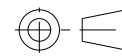
DIM "A", TAIL LENGTH
1: 2.60±0.25mm (PCB THK 1.57±0.13mm)
2: 3.25±0.25mm (PCB THK 2.36±0.13mm)

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1031 SECTION 5.2
3. PRODUCT SPECIFICATION: GS-12-1031
4. APPLICATION SPECIFICATION: GS-20-0369
5. PRODUCT MARKING (FCI PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272. 
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
Ø 2.25±0.05 FOR SOLDER TAILS



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spec ref -		dr S Jaganathan		2012/06/25		projection		MM		size A2		scale 3:1					
tolerance std		eng Liu Jenson		2014/04/22						ecn no		ELX-DG-17541-1					
ASME Y14.5		chr Jon Qin		2014/04/25													
-		appr Collins Lu		2014/04/25													
		TOLERANCES UNLESS OTHERWISE SPECIFIED				product family		HPCE		rel level		Released					
surface		linear		0.X ±0.3				title		VERTICAL HEADER (36HP-24S)		dwg no		10120942		rev	
✓		0.XX ±0.10															
		0.XXX ±0.050															
ASME Y14.5		angular		0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 4			

[illegible]

SIGNAL CONTACT	ROW#	S#	DIM "B"±0.25	DIM "A"±0.25
	ROW C	S1	8.73	3.25
		S2	7.46	3.25
		S3	8.73	2.60
		S4	7.46	2.60
		S9	8.73	3.25
		S10	7.46	3.25
	ROW D	S1	8.73	3.25
		S2	7.46	3.25
		S3	8.73	2.60
		S4	7.46	2.60
		S9	8.73	3.25
S10		7.46	3.25	

POWER CONTACT	ROW#	P#	DIM "C"±0.25	DIM "A"±0.25
	ROW A	P1	8.86	3.25
		P2	7.59	3.25
		P3	8.86	2.60
		P4	7.59	2.60
		P9	8.86	3.25
		P10	7.59	3.25
	ROW B	P1	8.86	3.25
		P2	8.86	3.25
		P3	7.59	2.60
		P4	7.59	2.60
		P9	8.86	3.25
P10		7.59	3.25	

Mouser Electronics

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