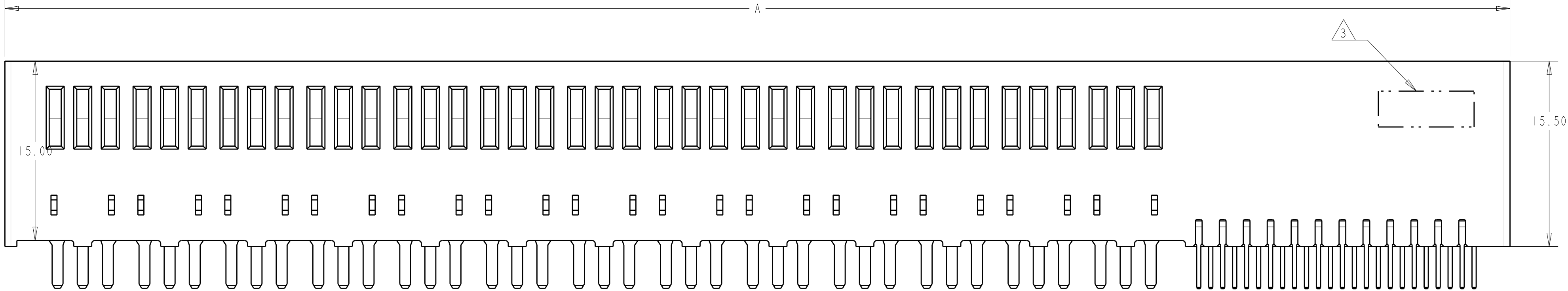
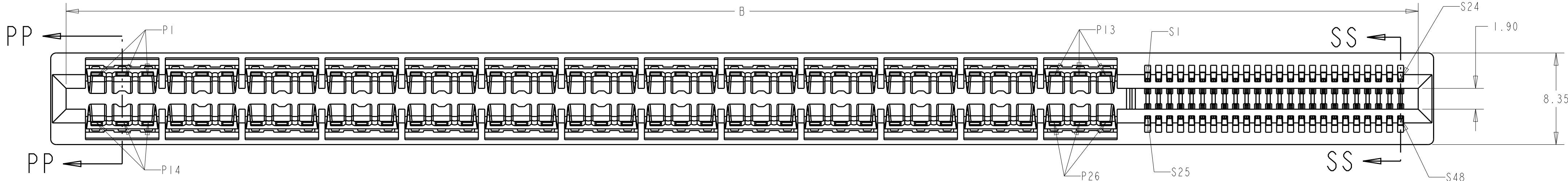
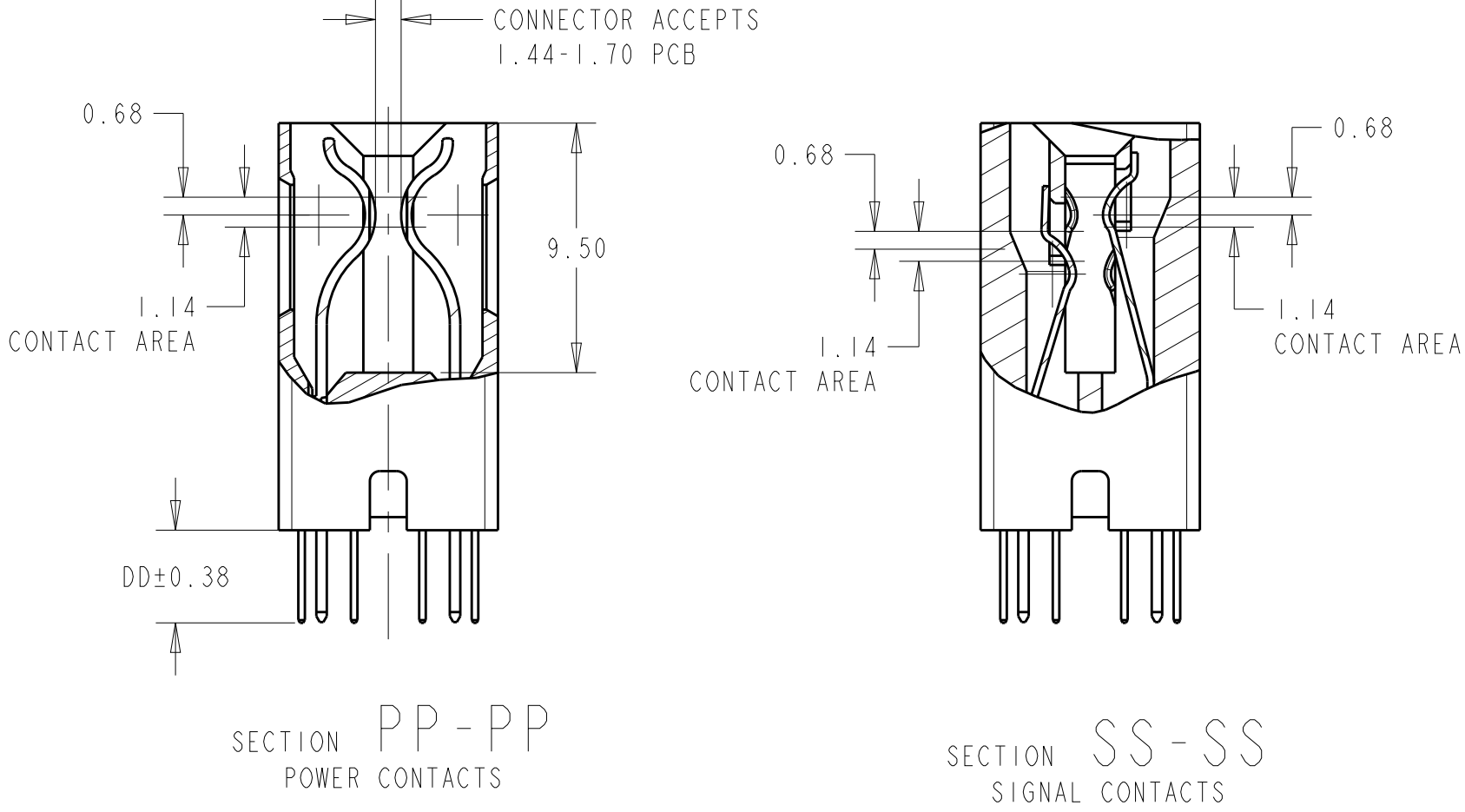
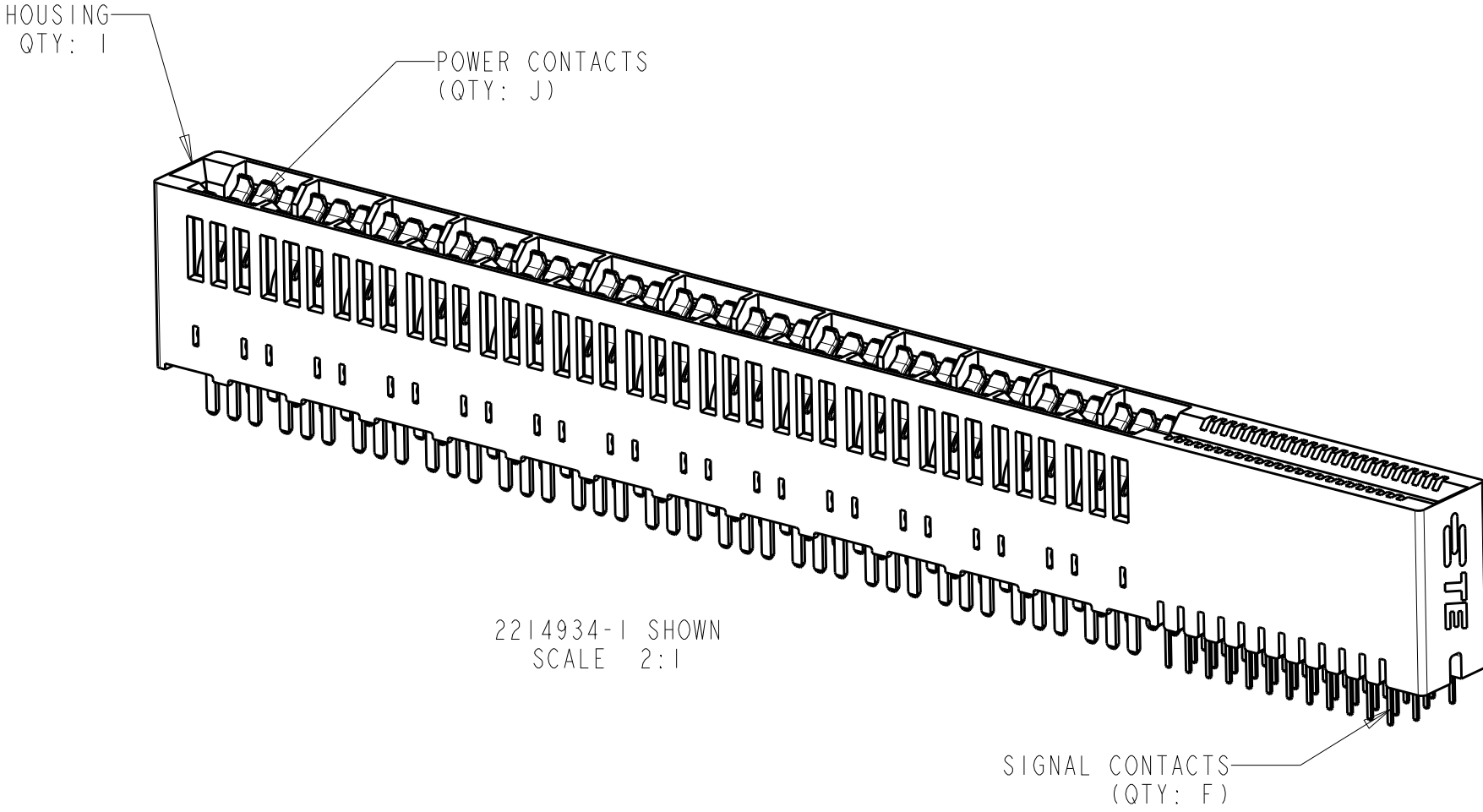


LOC		DIST		REVISIONS						
AA		00		P	LTR	DESCRIPTION	DATE	DWN	APVD	
					A	FIRST RELEASE	10AUG2016	SZ	SZ	

1. MATERIAL: HOUSING - THERMOPLASTIC, GLASS REINFORCED, COLOR: BLACK
CONTACT - COPPER ALLOY
2. FINISH: CONTACT - GOLD PLATED OVER NICKEL
SOLDER TAILS - MATTE TIN OVER NICKEL
3. CONNECTOR ASSEMBLY MARKED WITH PART NUMBER AND DATE CODE IN THE APPROXIMATE AREA SHOWN
4. DATUMS AND BASIC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER
5. MANUFACTURING TOLERANCE FOR 1.07mm DIAMETER FINISHED HOLE:
DRILLED HOLE = 1.15+/-0.03mm
COPPER PLATE = 0.050/0.025mm (MAX HARDNESS 150 KNOOP)
TIN/LEAD PLATE (HASL) = 0.010/0.004mm
6. MANUFACTURING TOLERANCE FOR 0.70mm DIAMETER FINISHED HOLE:
DRILLED HOLE = 0.78+/-0.03mm
COPPER PLATE = 0.050/0.025mm (MAX HARDNESS 150 KNOOP)
TIN/LEAD PLATE (HASL) = 0.010/0.004mm



2214934-1 SHOWN



2.92	3.50	7.44	24.76	6	10.93	4.41	4	18.37	8	12	10	12	2	25.07	27.87	2 X 2 POWER 2 X 6 SIGNAL	1-2214934-4
2.92	3.50	1.81	13.50	2	5.30	2.78	2	7.11	4	4	2	6	0	13.81	16.61	2 X 1 POWER 2 X 2 SIGNAL	1-2214934-3
2.92	3.50	12.44	34.76	16	15.93	-0.59	4	28.37	8	32	30	12	2	35.07	37.87	2 X 2 POWER 2 X 16 SIGNAL	1-2214934-2
2.92	3.50	23.70	57.28	24	31.22	6.70	8	50.89	16	48	46	24	6	57.59	60.39	2 X 4 POWER 2 X 24 SIGNAL	1-2214934-1
2.92	3.50	10.44	30.76	12	13.93	1.41	4	24.37	8	24	22	12	2	31.07	33.87	2 X 2 POWER 2 X 12 SIGNAL	2214934-9
4.45	5.00	24.96	59.80	12	28.45	15.93	12	53.41	24	24	22	36	10	60.11	62.91	2 X 6 POWER 2 X 12 SIGNAL	2214934-8
2.92	3.50	24.96	59.80	12	28.45	15.93	12	53.41	24	24	22	36	10	60.11	62.91	2 X 6 POWER 2 X 12 SIGNAL	2214934-7
4.45	5.00	15.70	41.28	8	19.19	10.67	8	34.89	16	16	14	24	6	41.59	44.39	2 X 4 POWER 2 X 8 SIGNAL	2214934-6
2.92	3.50	15.70	41.28	8	19.19	10.67	8	34.89	16	16	14	24	6	41.59	44.39	2 X 4 POWER 2 X 8 SIGNAL	2214934-5
4.45	5.00	6.44	22.76	4	9.93	5.41	4	16.37	8	8	6	12	2	23.07	25.87	2 X 2 POWER 2 X 4 SIGNAL	2214934-4
2.92	3.50	6.44	22.76	4	9.93	5.41	4	16.37	8	8	6	12	2	23.07	25.87	2 X 2 POWER 2 X 4 SIGNAL	2214934-3
4.45	5.00	56.37	122.62	24	59.86	35.34	26	116.23	52	48	46	78	24	122.93	125.73	2 X 13 POWER X 2 X 24 SIGNAL	2214934-2
2.92	3.50	56.37	122.62	24	59.86	35.34	26	116.23	52	48	46	78	24	122.93	125.73	2 X 13 POWER X 2 X 24 SIGNAL	2214934-1
EE	DD	P	N	M	L	K	J	H	G	F	E	D	C	B	A	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: L. A. WENSEL 18APR2012
CHK: D. DEERBAUGH 18APR2012
APVD: S. ELICKINGER 18APR2012

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±.5
1 PLC ±0.25
2 PLC ±.5
3 PLC ±.5
4 PLC ±.5
ANGLES ±.5°

MATERIAL: SEE NOTE 1

FINISH: SEE NOTE 2

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

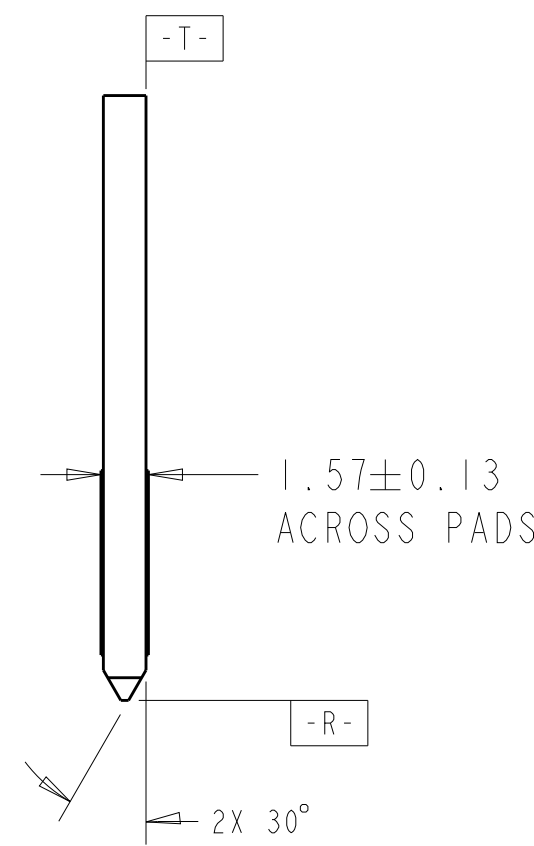
SIZE: A1
CAGE CODE: 00779
DRAWING NO: 2214934

RESTRICTED TO: -

SCALE: 4:1
SHEET: 1 OF 2
REV: A

PRELIMINARY

CONNECTOR ASSEMBLY, MULTI-BEAM CE, POWER/SIGNAL, VERTICAL, SOLDER MOUNT



2214934-1

S24

P13

S1

RECOMMENDED MATING BOARD EDGE CONFIGURATION

The diagram illustrates the recommended mating board edge configuration for the 2214934-1 component. It shows a long, narrow rectangular board with a series of 13 square mating positions along its bottom edge. The first 12 positions are occupied by a series of 12 interlocking pins, labeled S24. The 13th position is empty. The board is labeled 2214934-1 at the top. A label P13 points to the 13th position. A label S1 points to the bottom edge of the board. The text 'RECOMMENDED MATING BOARD EDGE CONFIGURATION' is centered below the board.

Figure 1: Recommended PCB Hole Layout. This technical drawing shows a top-down view of a rectangular PCB layout with two rows of circular holes. Key dimensions include a total width of 100.00 (A), a hole diameter of 1.07±0.05 (D), and a hole pitch of 2.00 (Z). The layout is defined by a 'KEEP OUT AREA' and includes various reference points (P1, P13, P14, P26) and sections (S1, S24, S25, S48). A 'BASIC' section is indicated on the left side.

A vertical rod is shown. At the top, there is a box containing the text $- Z -$. A horizontal line with an arrow points from the left towards the rod. Another horizontal line with an arrow points from the right towards the rod, labeled "EE MAX".

4805 (3/11)