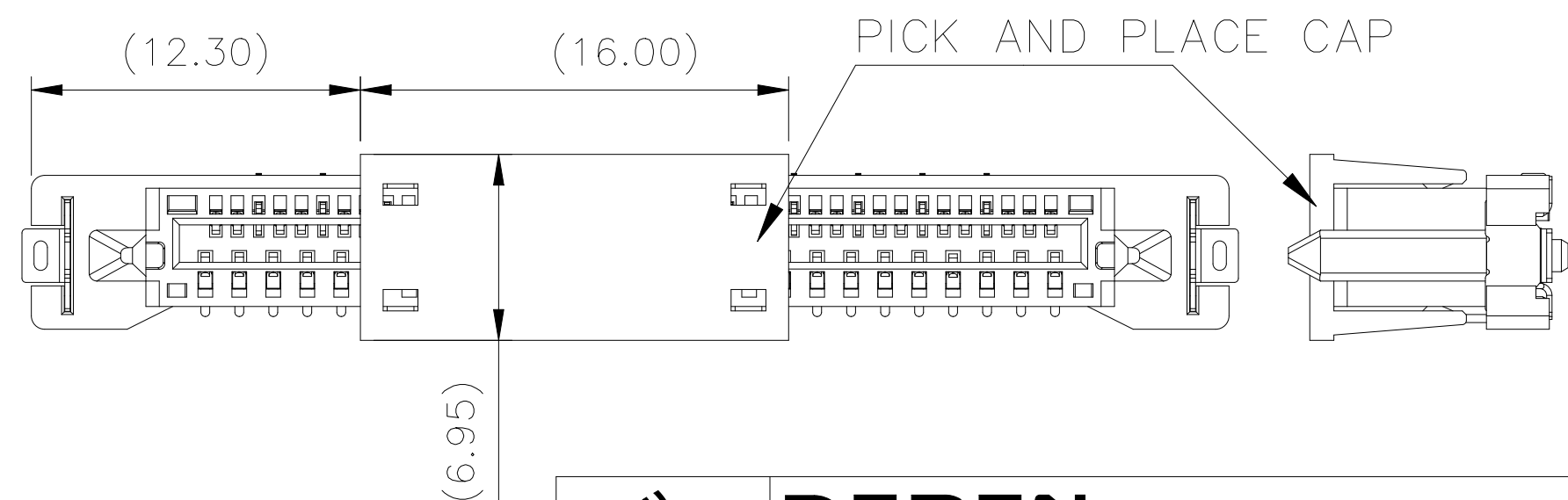
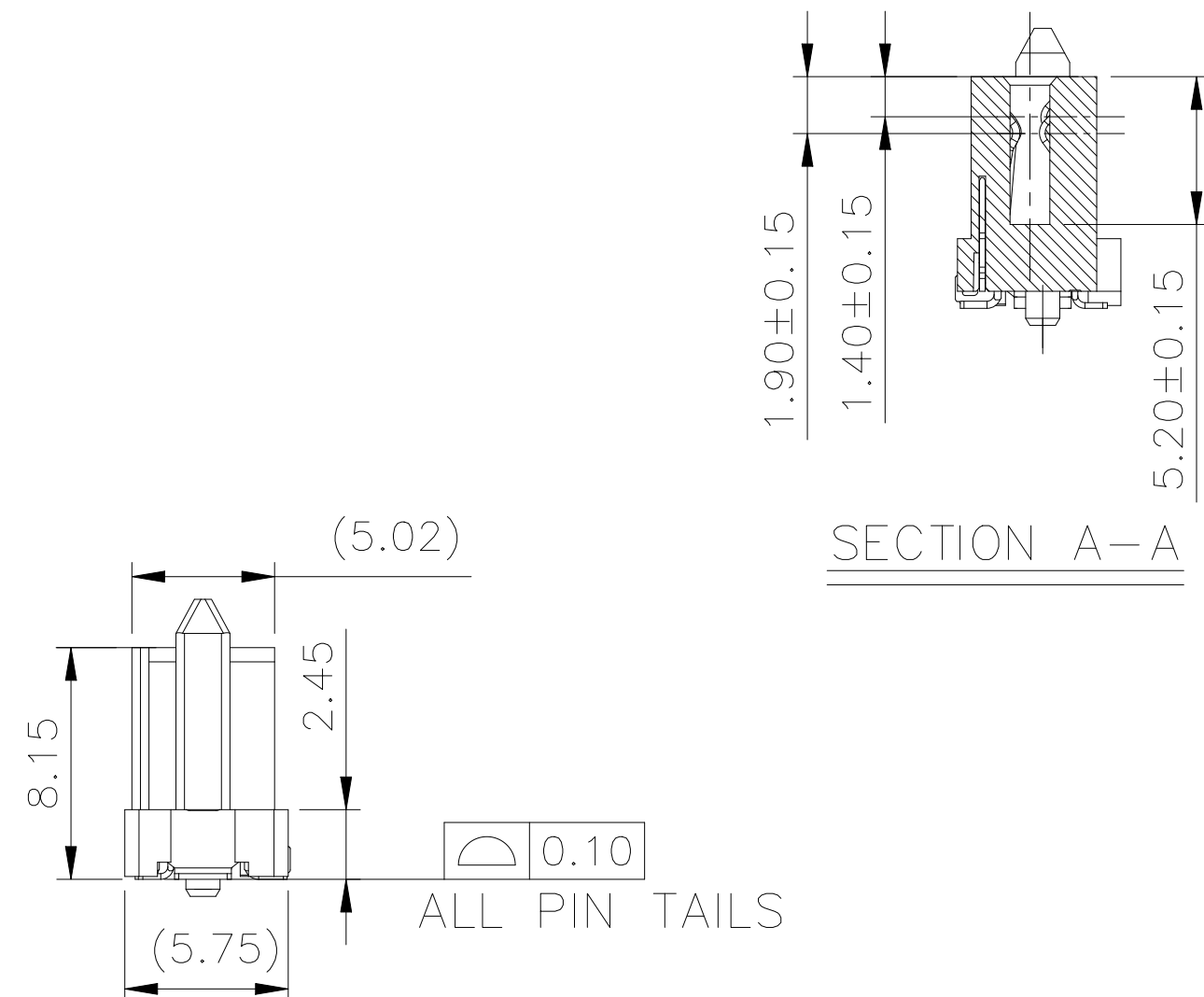


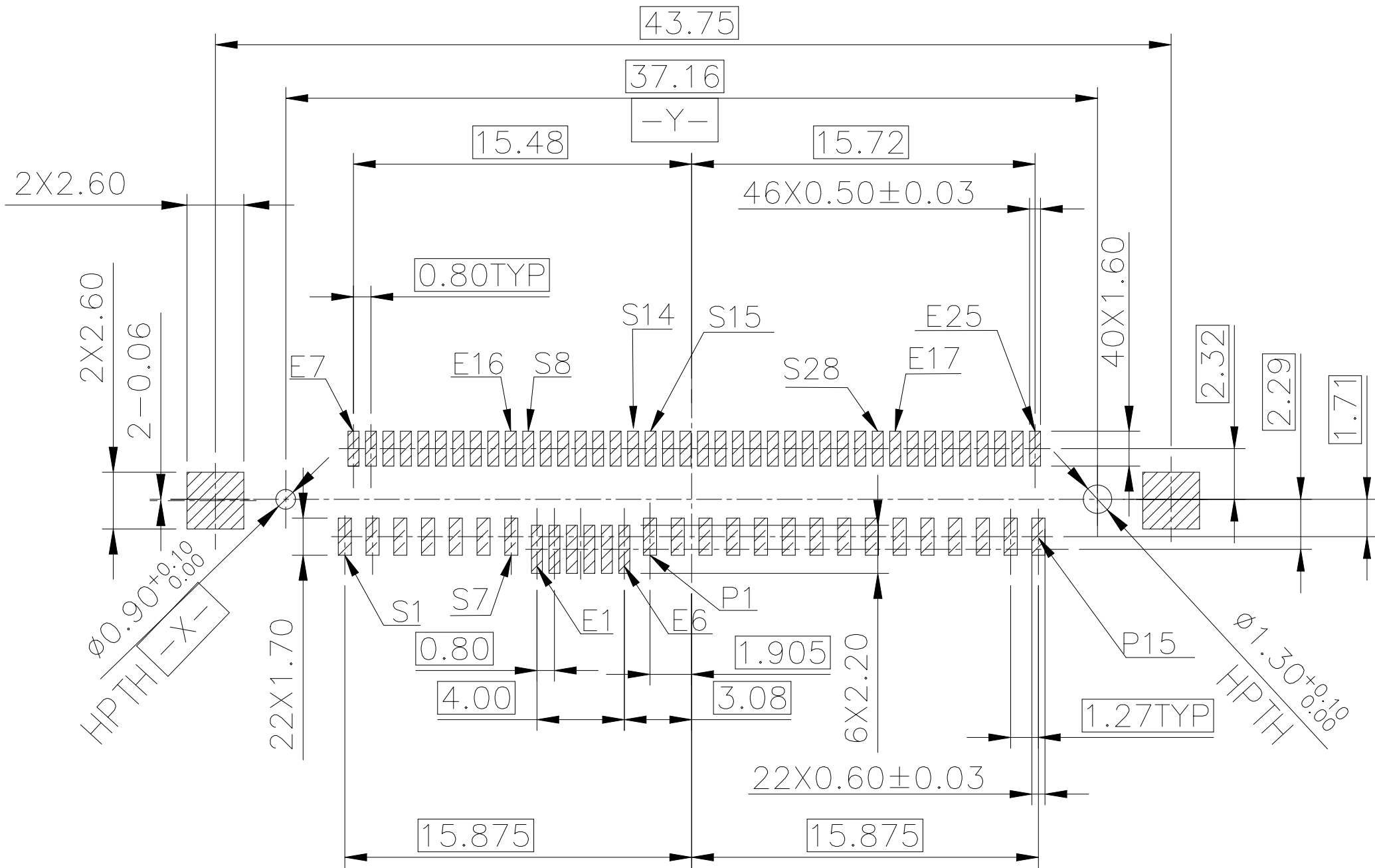
		DEREN SHENZHEN DEREN ELECTRONIC CO., LTD				
		CUSTOMER DRAWING		DATE	TITLE: PCIE SAS 68PIN 5.0 REC VERTICAL SMT WITH SMT PEG CONN.	
DRAW NO. SC2410782		DESIGN: CHECK:	Winner LFJ	12/05'24 12/05'24	P/N: 562201-004H	
REV. A		APPROVAL:	Bill	12/05'24	SHEET: 1/3	
					SCALE: 1:1	UNIT: mm



DIM	TOL	DIM	TOL
x.	± 0.30	x.	$\pm 2^\circ$
.x	± 0.25	.x	$\pm 1^\circ$
.xx	± 0.20		

HF

Halogen Free



SOLDER PAD

RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCES: ± 0.05 ; PCB THICKNESS: 1.6mm(TOP VIEW)

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
SEE SHEET 1					

1.MATERIAL

- 1.1.HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK;
- 1.2.CAP: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 BLACK;
- 1.3.CONTACT: COPPER ALLOY
- 1.4.PEG: STAINLESS STEEL

2. FINISH:

- 2.1 CONTACT:
 - 0.75um[30u"]MIN, Au PLATING ON CONTACT AREA.
 - 2.03um [80u"] MIN. TIN PLATING ON SOLDER TAIL AREA.
 - 1.27um [50u"] MIN.NICKEL UNDERPLATING ON ALLOVER AREA.
- 2.2 PEG
 - 2.03um [80u"] MIN TIN PLATING OVERALL
 - 1.27um [50u"] MIN NICKEL UNDERPLATING OVERALL

3. ELECTRICAL :

- 3-1.CONTACT CURRENT RATING :
 - CONTINUOUS CURRENT:1.5A
 - PEAK CURRENT:2.5A for 1.5s
- 3-2 CONGACT RESISTANCE: 40mΩ MAX.(INITIAL)
- 3-3.OPERATING TEMPERATURE : -55℃ TO +105℃
- 3-4.VOLTAGE: 30V MAX.
- 3-5.INSULATION RESISTANCE : 1000 MEGAOHMS MIN.
- 3-6.DIELECTRIC WITHSTANDING VOLTAGE : 400VAC MIN.
- 3-7.LOW LEVEL CONTACT RESISTANCE :

4.MECHANICAL CHARACTERISTICS :

- 4-1.INSERTION FORCE : 65N MAX.
- 4-2.DURABILITY : 500 MATING CYCLES.

5. APPLIED TO REFLOW SOLDERING PROCESS

6. RECOMMENDED STENCIL THICKNESS: 0.15mm min.

7. PART NUMBER DESCRIPTION:

562201-004H

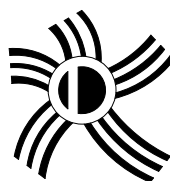
CONTACT PLATING CODE:

- 0: Au 30u"
- 1: Au 15u"
- 2: Gold Flash

LOGO CODE:

- 0: WITH DEREN LOGO
- 1: NO LOGO

DIM	TOL	DIM	TOL
x.	± 0.30	x.	$\pm 2^\circ$
.x	± 0.25	.x	$\pm 1^\circ$
.xx	± 0.15		



DEREN

SHENZHEN DEREN ELECTRONIC CO.,LTD

CUSTOMER DRAWING

DATE

TITLE: PCIE SAS 68PIN REC VERTICAL
SMT WITH SMT PEG CONN.

DESIGN: Winner

12/05'24

P/N: 562201-004H

CHECK: LFJ

12/05'24

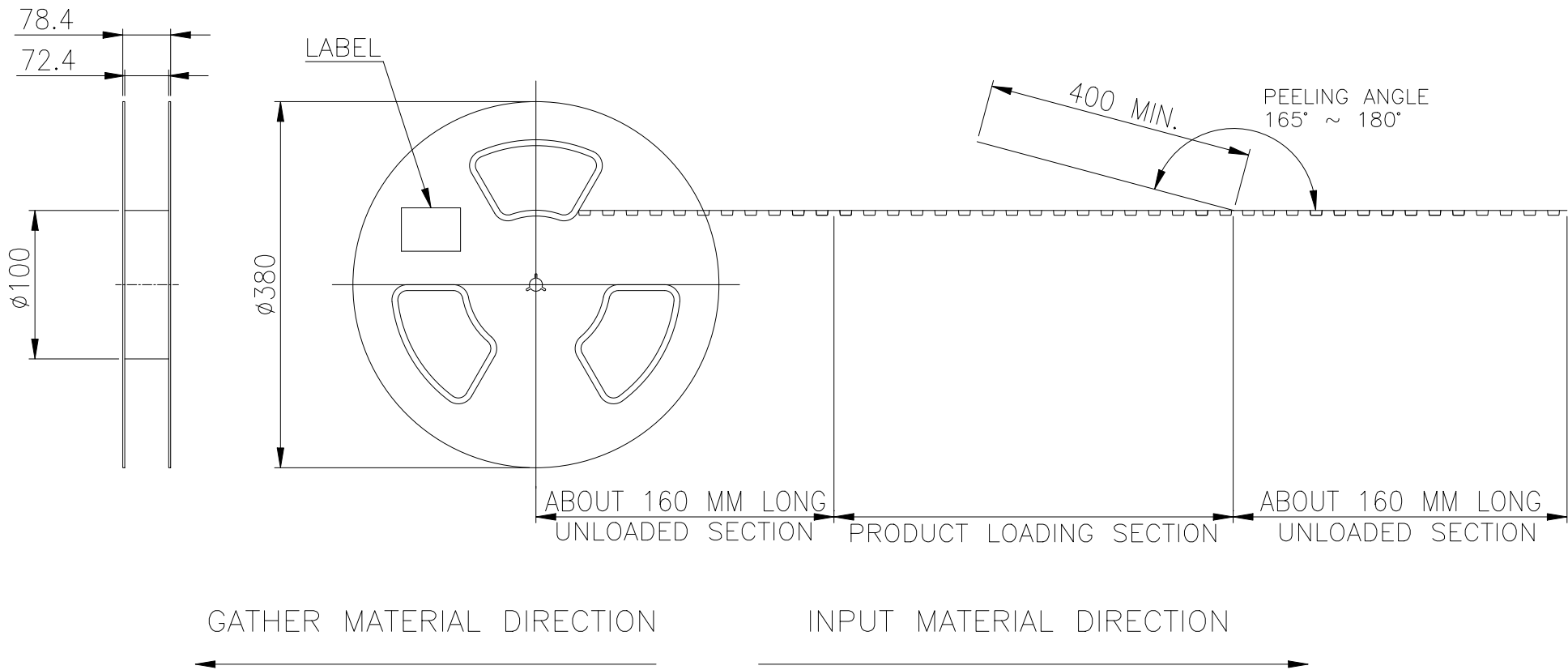
SHEET: 2/3

APPROVAL: Bill

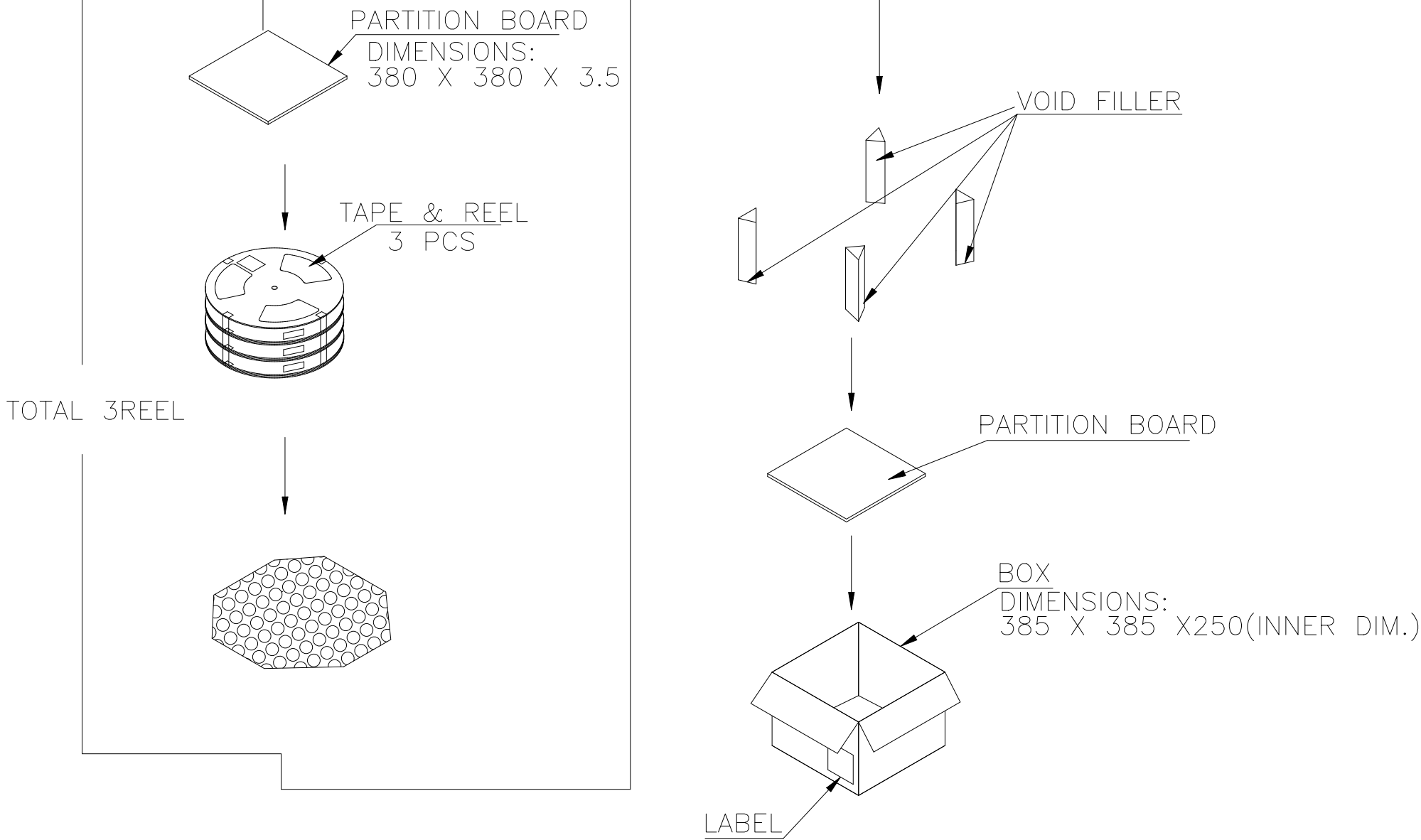
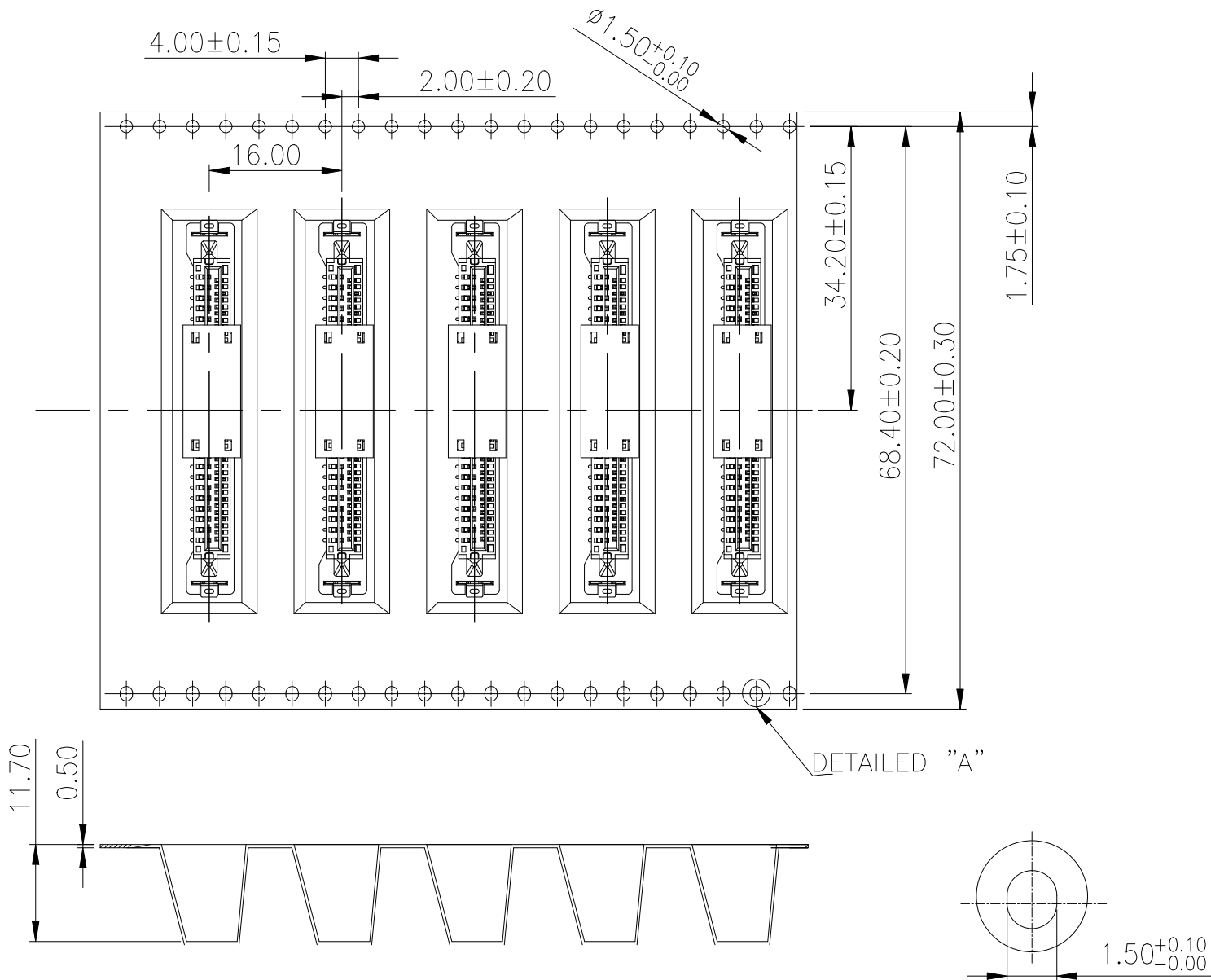
12/05'24

SCALE: 1:1

UNIT: mm



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
SEE SHEET 1					



- NOTES : (FOR TAPE & REEL)
PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT
MUST MEET DEREN CONTROLLED SUBSTANCES SPEC.
* CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED:
5 PPM.
* LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED:
100 PPM (COMBINED).
* CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS
MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-B.
1. MATERIAL :
COVER TAPE : PET, COLOR: CLEAR
CARRIER TAPE : PS
REEL : PS
SHIPPING BOX: CORRUGATED FIBER
2. DIMENSION :
REEL : SEE DRAWING
BOX : SEE DRAWING
3. QUANTITY : SEE TABLE
4. WEIGHT : SEE TABLE
5. PEELING RESISTANCE : 10gf~100gf (for 8mm)
10gf~130gf (for 12mm~56mm)
10gf~150gf (for 72mm)
6. PEELING SPEED : 300mm/MINUTES

500	3	1500
PCS/ TAPE	REELS/ BOX	PCS/BOX

DIM	TOL	DIM	TOL
x.	±0.38	x.	±2°
.x		.x	±1°
.xx	±0.25		
.xxx	±0.20		

	DEREN SHENZHEN DEREN ELECTRONIC CO.,LTD						
	CUSTOMER DRAWING		DATE		TITLE: PCIE SAS 68PIN REC VERTICAL SMT WITH SMT PEG CONN.		
	DESIGN:		Winner	12/05'24	P/N: 562201-004H		
	CHECK:		LFJ	12/05'24	SHEET: 3/3		
DRAW NO.	SC2410782		APPROVAL:		Bill	12/05'24	SCALE: N/A
REV.	A		UNIT:		mm		