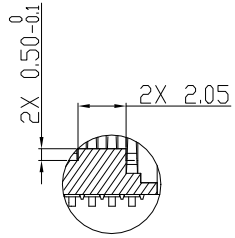


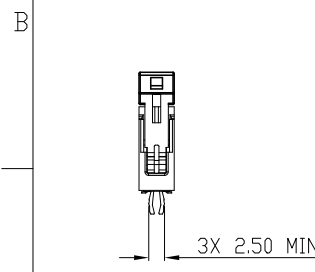
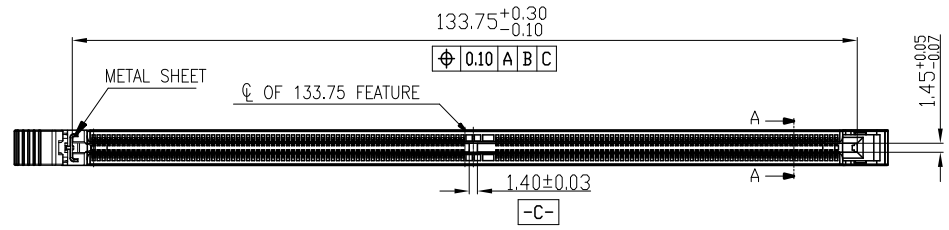
# HF

Halogen Free

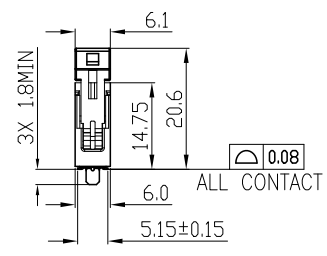
REV	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	01/24'24	Yezhijian



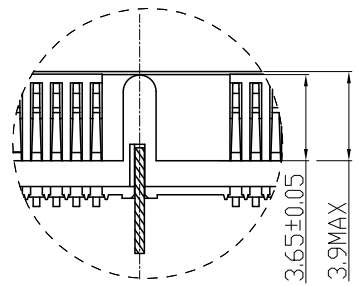
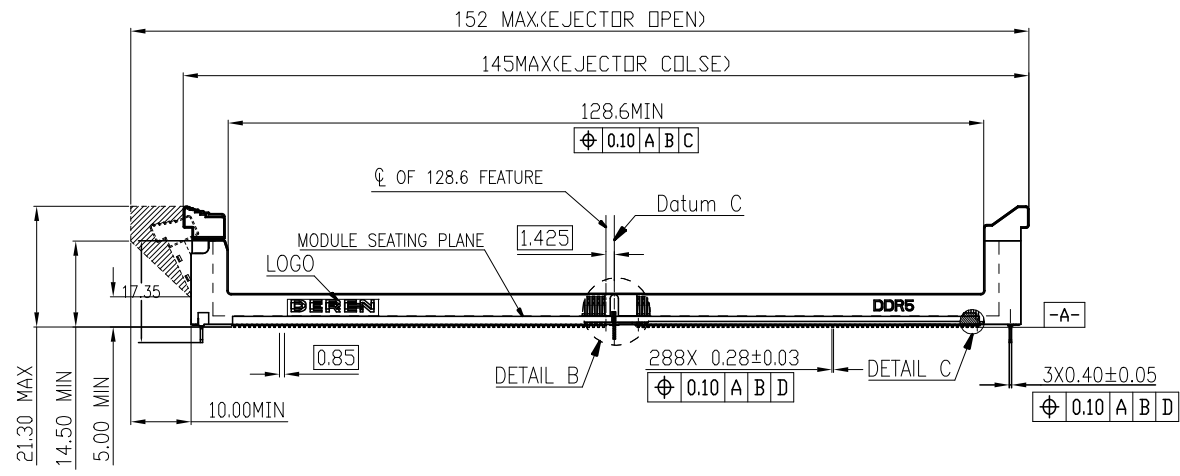
BUMPER BLOCK ON EACH SIDE  
DETAIL C(SCALE:4:1)



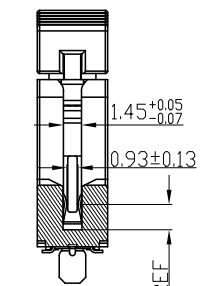
BOARD LOCK TYPE



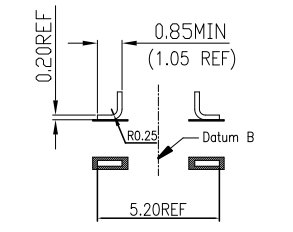
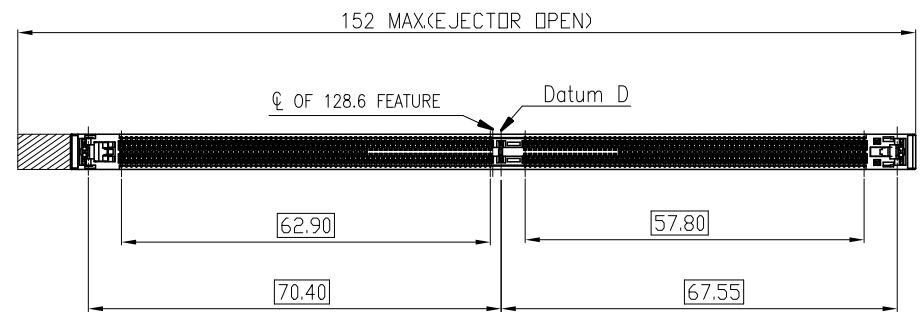
SOLDER TAB TYPE



DETAIL B  
SCALE:4:1

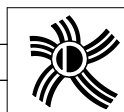


SEC: A  
SCALE:4:1



CONNECTOR TERMINAL DIMENSION

DIM	TOL	DIM	TOL
x.	±0.35	x.	±2*
.x	±0.25	.x	±1*
.xx	±0.20		
.xxx	±0.15		



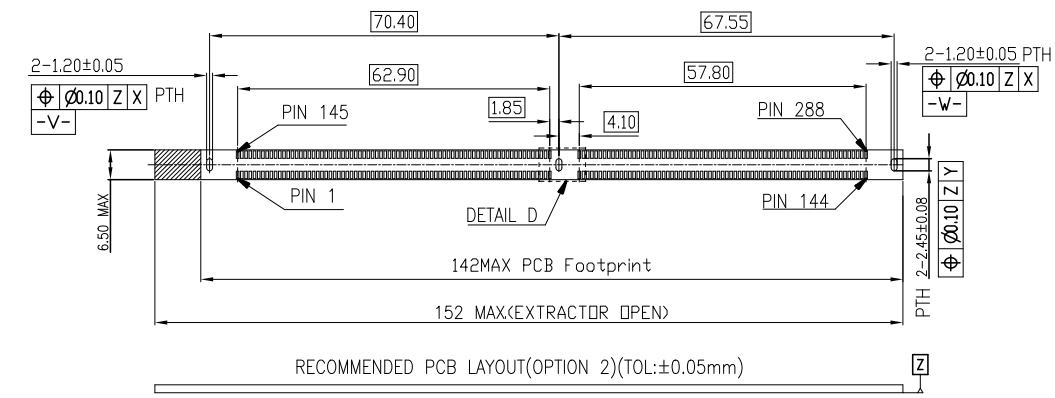
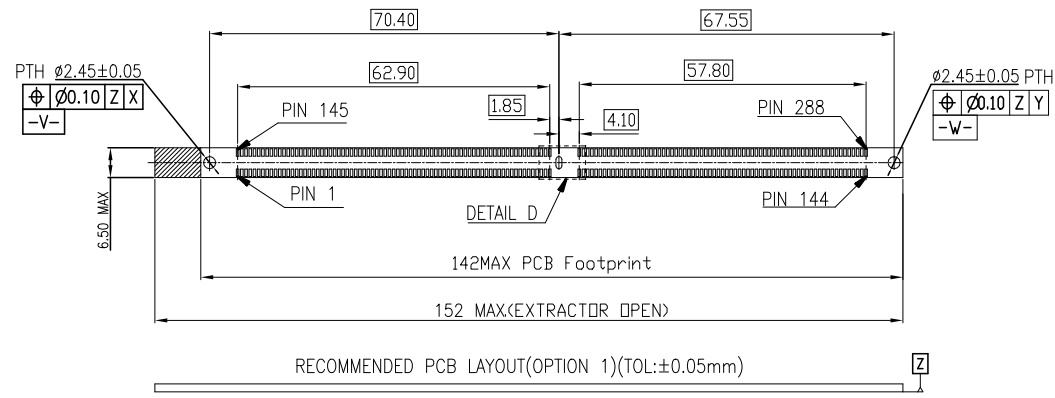
**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

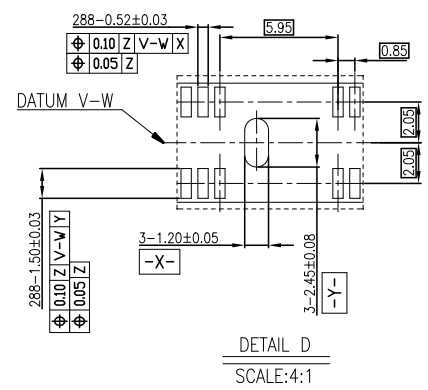
C-DWG	TY	DATE	TITLE: DDR5 288PIN UDIMM SMT FIX
DESIGN: Yezhijian	CHECK: Bilin Lin	DATE: 01/24'24	P/N: SEE P/N INFORMATION
APPROVAL: Smark Huo	DATE: 01/24'24	SHEET: 1/4	SCALE: NA
REV. A		UNIT: mm	

E

1 2 3 4 5 6 7 8

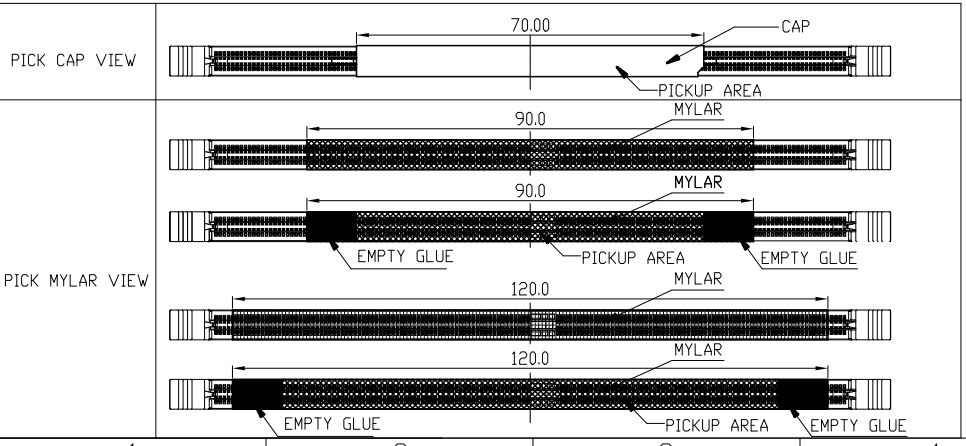


NOTES:  
Recommended stencil thickness no less than 0.18mm



- NOTES:
- PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0
  - MATERIAL:
    - HOUSING: NYLON PA10T ,UL94V-0; COLOR: SEE P/N INFORMATION.
    - EJECTOR/CAP: NYLON PA10T ,UL94V-0; COLOR: SEE P/N INFORMATION.
    - CONTACT: COPPER ALLOY PW33520 T=0.2MM .
    - TAB: STAINLESS STEEL SUS304 T=0.4.
  - FINISH:
    - CONTACT:
      - 1u"min(SEE SEE P/N INFORMATION.) ON CONTACT AREA.
      - 2.0um[100u"] MIN. MATTE-TIN PALTING ON SOLDER TAIL AREA.
      - 2.25um[90u"] MIN. NICKEL ON CONTACT AREA,
      - 1.27um[50u"] MIN. NICKEL ON OTHER AREA.
    - FORK LOCK:
      - MATTE TIN PALTING 100u"Min ON SOLDER TAIL AREA.
      - 50u" MIN. NICKEL UNDERPLATING OVERALL.
  - REFLOW SOLDER CAPABLE TO 260°C MAX. 10S.
  - MECHANICAL SPECIFICATION:
    - MATING FORCE: 106.8N MAX.
    - UNMATING FORCE: 19.77N MIN.
    - DURABILITY: 25 MATING AND UNMATING CYCLES
  - ELECTRICAL SPECIFICATION
    - CONTACT RESISTANCE: INITIAL:40 MILLIOHMS MAX., CONTACT RESISTANCE: FINAL: CHANGE 20 MILLIOHMS MAX..
    - CURRENT RATING: 1 AMPS MAX.
    - INSULATION RESISTANCE: 1 MEGOHMS MIN. AT 500VAC
    - DIELECTRIC WITHSTAND VOLTAGE: 500VAC MIN. FOR ONE MINUTE.
    - RETENTION FORCE TERMINAL: 300gf/PIN MIN.
    - LATCH CLAMPING FORCE: 0.5KGF TO 1.2KGF. AFTER REFLOW-SOLDERING THE CLAMPING FORCE CONTROL 0.5KGF MIN.
  - ENVIRONMENT SPECIFICATION
    - OPERATING TEMPERATURE: -55°C TO +85°C.
    - SOLDERABILITY: PASSED PER EIA-364-52, CLASS 2, CATEGORY 3.
    - VIBRATION: PASSED PER EIA-364-28.
    - HUMIDITY: PASSED PER EIA-364-31.
    - THERMAL SHOCK: PASSED PER EIA-364-32.
    - MECHANICAL SHOCK: PASSED PER EIA-364-27.

7. PART NUMBER INFORMATION:
- 568QD1-012 H X X X X X
- GREEN CODE:
    - H: HALOGEN FREE
  - PLATING CODE:
    - 1:GOLD FLASH
    - 2:GOLD 15u"
    - 3:GOLD 30u"
  - HOUSING COLOR CODE:
    - 1: BLACK(DEREN LOGO)
    - 2: WHITE(DEREN LOGO)
    - 3: BLUE 2935U(DEREN LOGO)
    - 4: BLACK(NO LOGO)
    - 5: WHITE(NO LOGO)
    - 6: BLUE 2935U(NO LOGO)
    - 7: BLUE 287C(DEREN LOGO)
    - 8: BLUE 287C(NO LOGO)
    - 9: GRAY (DEREN LOGO)
    - 0: GRAY (NO LOGO)
  - PACKAGE & PICKUP CODE:
    - 1: HARD TRAY PACKING,WITH CAP
    - 2: HARD TRAY PACKING,WITHOUT CAP/MYLAR
    - 3: HARD TRAY PACKING, WITH MYLAR 90mm
    - 4: HARD TRAY PACKING, WITH MYLAR 120mm(EMPTY GLUE)
    - 5: HARD TRAY PACKING, WITH MYLAR 90mm(EMPTY GLUE)
    - 6: HARD TRAY PACKING, WITH MYLAR 120mm
  - FORK LOCK & DIMM TYPE CODE:
    - 3: SOLDER TAB DIM.H=2.0mm, UDIMM
    - 4: BOARD LOCK DIM.H=3.25mm, UDIMM
    - 6: SOLDER TAB DIM.H=2.6mm, UDIMM
  - EXTRACTOR COLOR CODE:
    - 1: BLACK
    - 2: WHITE
    - 3: BLUE 2935U
    - 4: BLUE 287C
    - 5: GRAY



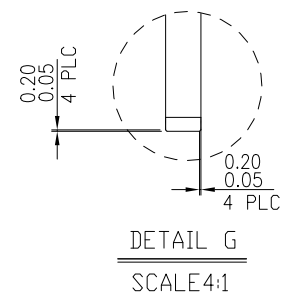
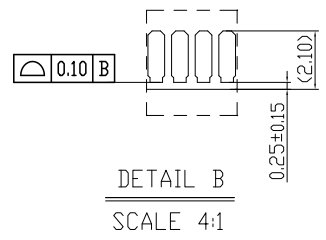
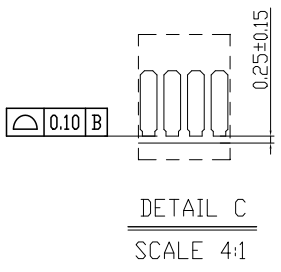
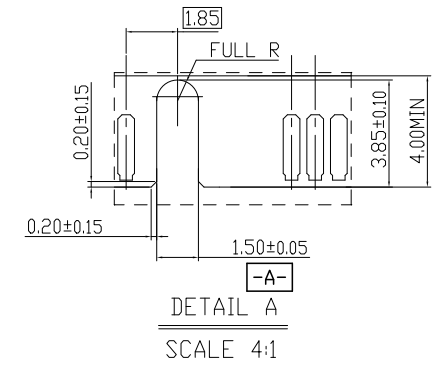
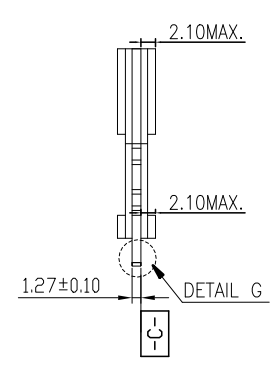
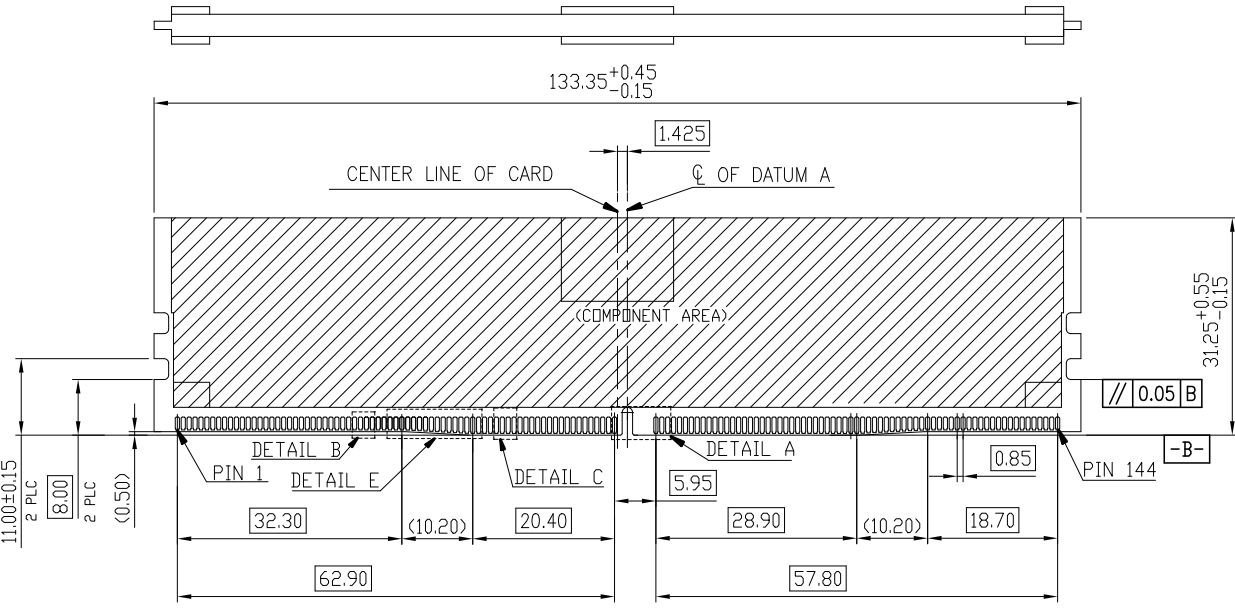
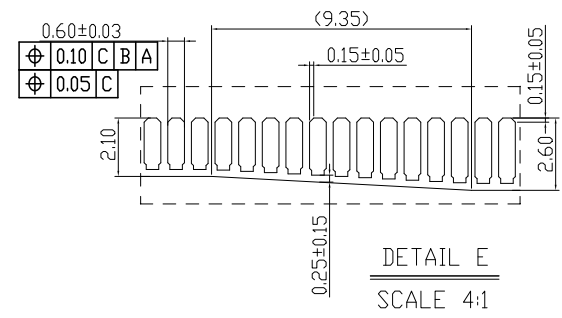
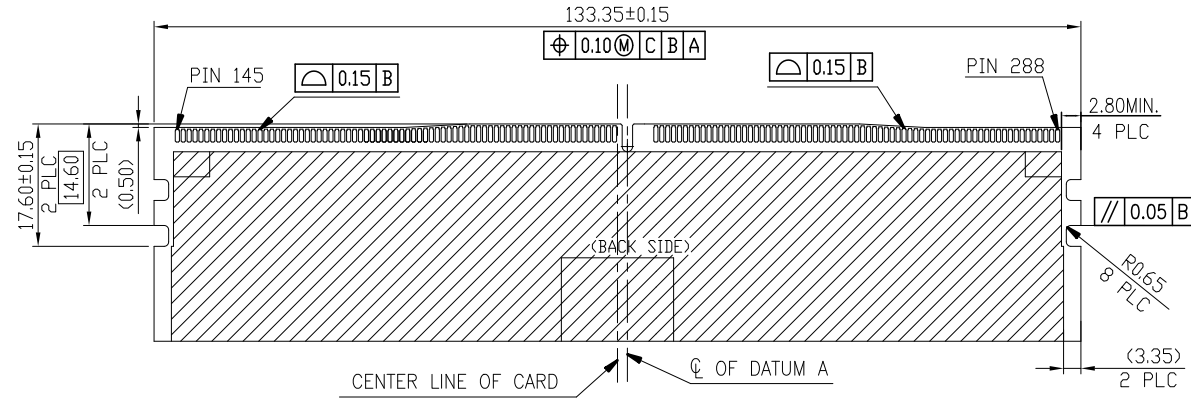
DIM	TOL	DIM	TOL
x.	±0.35	x.	±2*
.x	±0.25	.x	±1*
.xx	±0.20		
.xxx	±0.15		

**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG	TY	DATE	TITLE:DDR5 288PIN UDIMM SMT FIX THE RIGHT BIG EXTRACTOR TYPE
DESIGN: Yezhjian	CHECK: Bilin Lin	DATE: 01/24/24	P/N:SEE P/N INFORMATION
REV. A	APPROVAL: Smark Huo	DATE: 01/24/24	SHEET: 2/4
			SCALE: NA UNIT: mm

REV	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	01/24'24	Yezhijian



DIM	TOL	DIM	TOL
.x.	±0.35	.x.	±2'
.x	±0.25	.x	±1'
.xx	±0.20		
.xxx	±0.15		

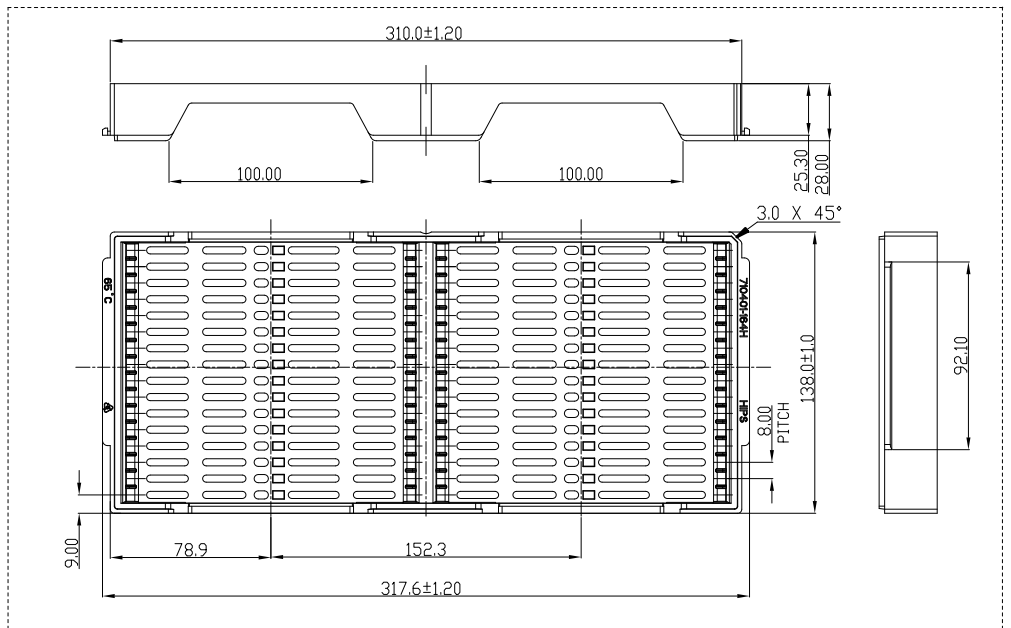
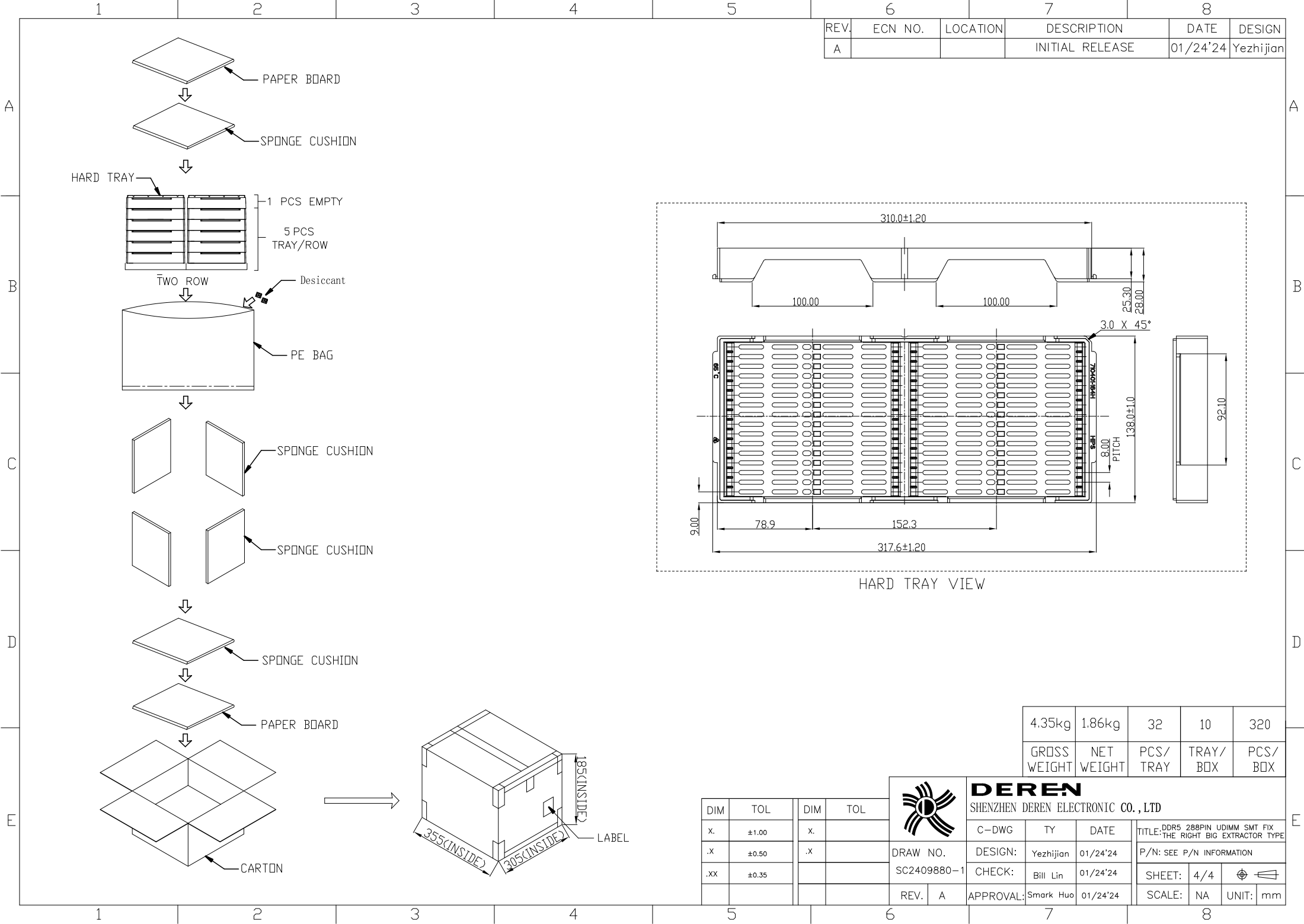
**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG	TY	DATE	TITLE: DDR5 288PIN UDIMM SMT FIX THE RIGHT BIG EXTRACTOR TYPE
DESIGN: Yezhijian	01/24'24	P/N: SEE P/N INFORMATION	
CHECK: Bill Lin	01/24'24	SHEET: 3/4	
APPROVAL: Smark Huo	01/24'24	SCALE: NA	UNIT: mm

DRAW NO. SC2409880-1

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	01/24'24	Yezhijian



HARD TRAY VIEW

4.35kg	1.86kg	32	10	320
GROSS WEIGHT	NET WEIGHT	PCS/TRAY	TRAY/BOX	PCS/BOX

DIM	TOL	DIM	TOL
.X	±1.00	.X	
.X	±0.50	.X	
.XX	±0.35		

**DEREN**  
SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG	TY	DATE	TITLE: DDR5 288PIN UDIMM SMT FIX THE RIGHT BIG EXTRACTOR TYPE
DRAW NO. SC2409880-1	DESIGN: Yezhijian	01/24'24	P/N: SEE P/N INFORMATION
REV. A	CHECK: Bill Lin	01/24'24	SHEET: 4/4
APPROVAL: Smark Huo	01/24'24	SCALE: NA	UNIT: mm