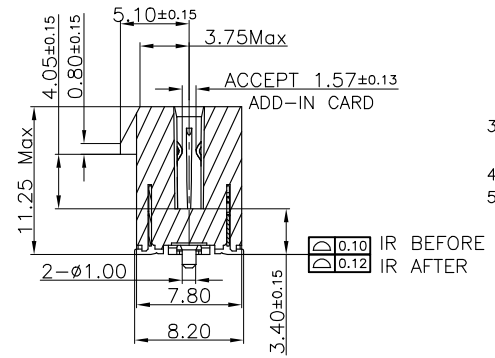
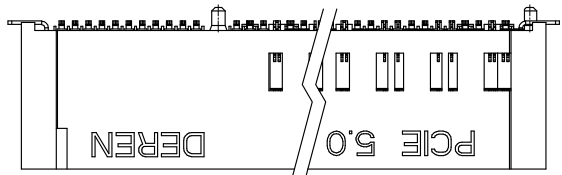
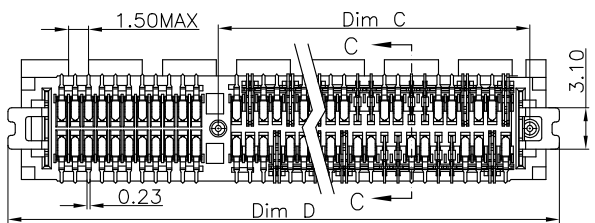
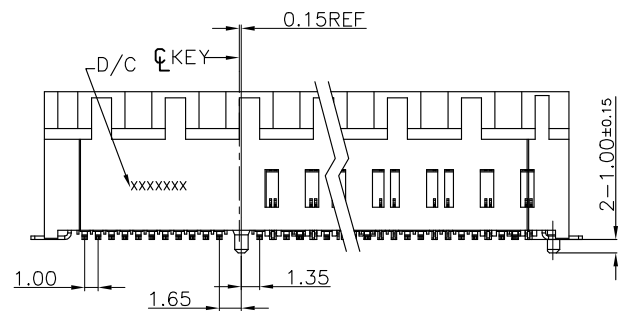
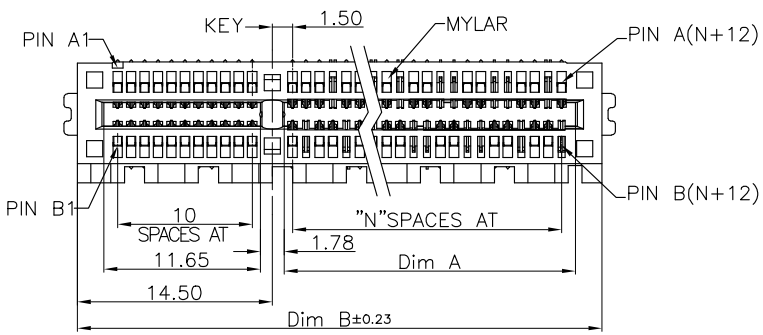


HF
Halogen Free



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X3			REVISED	03/31'22	Chen

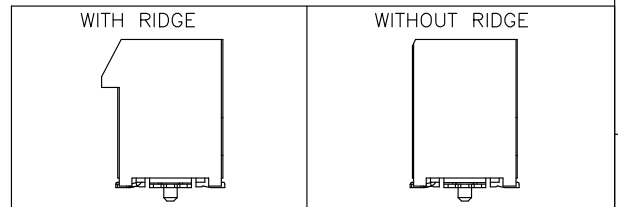


SECTION C-C

NOTES:

- PRODUCT MEETS CONTROLLED SUBSTANCES SPEC. ROHS 2.0
- MATERIAL:
 - HOUSING:HIGH TEMPERATURE PLASTIC, UL94V-0;
 - OTHER CONTACT:COPPER ALLOY
 - PEG: STAINLESS STEEL
 - GND CONTACT:COPPER ALLOY
 - GROUND PLATE:STAINLESS STEEL
 - FINISH:
 - OTHER CONTACT:GOLD PLATING(SEE PART NUMBER) ON CONTACT AREA.2.54um[100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.1.27um[50u"] MIN. NICKEL UNDERPLATING OVERALL.
 - GND CONTACT:0.076um[3u"]Au PLATING ON CONTACT AREA. 2.54um[100u"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA. 1.27um[50u"] MIN. NICKEL UNDERPLATING OVERALL.
 - PEG:2.54um[100u"] MIN. MATTE-TIN PLATING OVERALL. 1.27um[50u"] MIN. NICKEL UNDERPLATING OVERALL.
 - DATE CODE : YYWDLX (YY: YEAR, WW: WEEK, D: DAY, L: PRODUCTION LINE CODE, X: MANUFACTURE CODE)
 - RECOMMENDED STENCIL THICKNESS 0.15mm.
 - PART NUMBER DESCRIPTION:

- 564ZD4-013H * * * *
- PACKING CODE:
 - 1:TRAY 4:TRAY&MYLAR
 - 2:REEL&MYLAR 5:HARD TRAY&MYLAR
 - 3:HARD TRAY
 - HOUSING COLOR:
 - 1:BLACK 2:WITHE
 - RIDGE & POS. CODE:
 - 1.36P&WITH RIDGE
 - 2.36P&WITHOUT RIDGE
 - 3.64P&WITH RIDGE
 - 4.64P&WITHOUT RIDGE
 - 5.98P&WITH RIDGE
 - 6.98P&WITHOUT RIDGE
 - 7.164P&WITH RIDGE
 - 8.164P&WITHOUT RIDGE
 - HALOGEN CODE:
 - H: HALOGEN FREE
 - PLATING CODE:
 - 1: G/F
 - 2: 15u" Min
 - 3: 30u" Min



P/N:	#POS REF	N	DIM A	DIM B	DIM C	DIM D
564ZD4-013H*1**	36	6	7.65	25.00	9.15	27.00
564ZD4-013H*3**	64	20	21.65	39.00	23.15	41.00
564ZD4-013H*5**	98	37	38.65	56.00	40.15	58.00
564ZD4-013H*7**	164	70	71.65	89.00	73.15	91.00

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2'
.x	±0.25	.x	±1'
.xx	±0.20		



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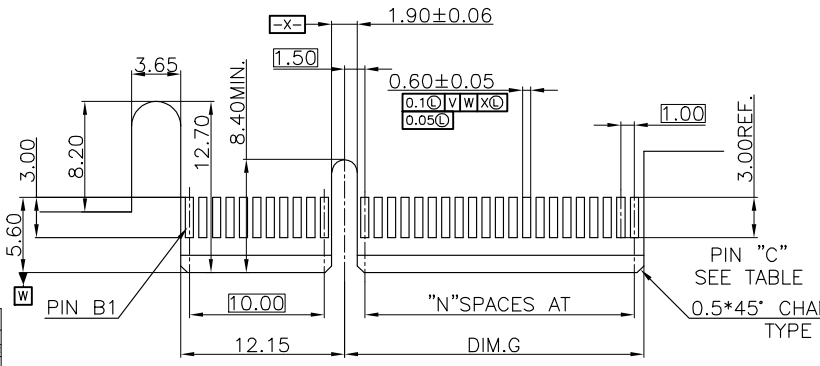
DRAW NO. SC2107775	DESIGN:	Chen	03/31'22	TITLE:	PCI EXPRESS 5.0 SMT TYPE
	CHECK:	Bill.Lin	03/31'22	P/N:	SEE TABLE
	REV. X3	APPROVAL:	Smark.Huo	03/31'22	SHEET:
				SCALE:	1:1
				UNIT:	mm

HF
Halogen Free

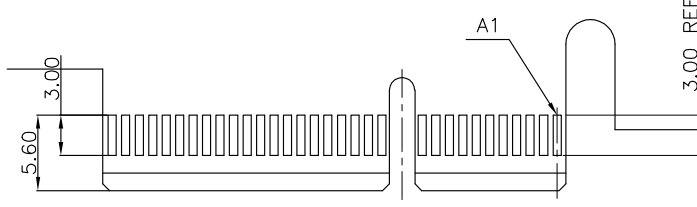


PIN DEFINITION

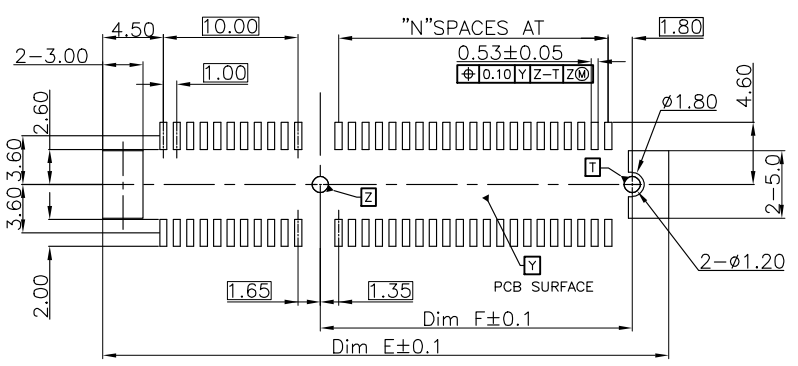
Side B	Side A
1 +12V	1 PRSNT#
2 +12V	2 +12V
3 +12V	3 +12V
4 GROUND	4 GROUND
5 SMBCLK	5 JTAC2
6 SMBDAT	6 JTAC3
7 GROUND	7 JTAC4
8 3.3V	8 JTAC5
9 JTAC1	9 +3.3V
10 +3.3Vaux	10 +3.3V
11 WAKE#	11 PRSNT#
12 SUREQ#	12 GROUND
13 GND	13 REFCLK
14 PETD0	14 REFCLK
15 PETD1	15 GND
16 GND	16 PERP0
17 PRSNT#	17 PERD0
18 GROUND	18 GND
19 PETP1	19 MFG
20 PETP1	20 GND
21 GND	21 PERP1
22 GND	22 PERP1
23 PETP2	23 GND
24 PETP2	24 GND
25 GND	25 PERP2
26 GND	26 PERP2
27 PETP3	27 GND
28 PETP3	28 GND
29 GND	29 PERP3
30 PWRR#	30 PERP3
31 PRSNT#	31 GND
32 GROUND	32 RSV0
33 PETP4	33 RSV0
34 PETP4	34 GND
35 GND	35 PERP4
36 GND	36 PERP4
37 PETP5	37 GND
38 PETP5	38 GND
39 GND	39 PERP5
40 GND	40 PERP5
41 PETP6	41 GND
42 PETP6	42 GND
43 GND	43 PERP6
44 GND	44 PERP6
45 PETP7	45 GND
46 PETP7	46 GND
47 GND	47 PERP7
48 PRSNT#	48 PERP7
49 GROUND	49 GND
50 PETP8	50 RSV0
51 PETP8	51 GND
52 GND	52 PERP8
53 GND	53 PERP8
54 PETP9	54 GND
55 PETP9	55 GND
56 GND	56 PERP9
57 GND	57 PERP9
58 PETP10	58 GND
59 PETP10	59 GND
60 GND	60 PERP10
61 GND	61 PERP10
62 PETP11	62 GND
63 PETP11	63 GND
64 GND	64 PERP11
65 GND	65 PERP11
66 PETP12	66 GND
67 PETP12	67 GND
68 GND	68 PERP12
69 GND	69 PERP12
70 PETP13	70 GND
71 PETP13	71 GND
72 GND	72 PERP13
73 GND	73 PERP13
74 PETP14	74 GND
75 PETP14	75 GND
76 GND	76 PERP14
77 GND	77 PERP14
78 PETP15	78 GND
79 PETP15	79 GND
80 GND	80 PERP15
81 PRSNT#	81 PERP15
82 RSV0	82 GND



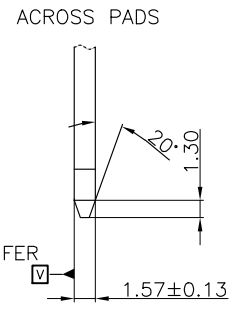
I/O PANEL DIRECTION
Recommended GOLD FINGER(B SIDE VIEW)
DEFAULT TOLERANCES:±0.13



I/O PANEL DIRECTION
Recommended GOLD FINGER(A SIDE VIEW)
DEFAULT TOLERANCES:±0.13



SOLDER PAD RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
DEFAULT TOLERANCES:±0.05



NOTES:
NO TIE PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "C"
CHAMFER EDGES MUST BE FREE OF CUTTING BURRS

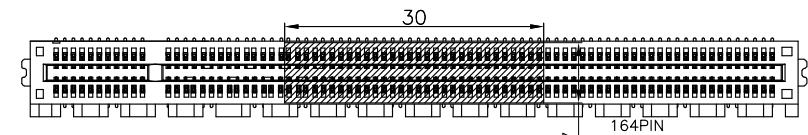
1.ELECTRICAL CHARACTERISTICS:
1-1.CURRENT RATING: 1.1AMP.30°C RISE ABOVE AMBIENT.
1-2.CONTACT RESISTANCE: 30 MILLIOHMS MAX. INITIAL, 50 MILLIOHMS MAX. AFTER TEST.
1-3.INSULATION RESISTANCE: 1000 MEGOHMS MIN.
1-4.DIELECTRICAL WITHSTAND VOLTAGE: 500V AC MIN.AT SEA LEVEL.
1-5.CHARACTERISTIC IMPEDANCE: 85±10 OHMS

2.MECHANICAL CHARACTERISTICS:
2-1.INSERTION FORCE: 1.15N MAX.PER CONTACT PAIR.
2-2.REMOVAL FORCE: 0.15N MIN.PER CONTACT PAIR
2-3.DURABILITY: 50 MATING AND UNMATING CYCLES.
2-4.CONTACT RETENTION FORCE: 3N MIN.

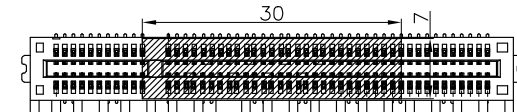
3.ENVIRONMENTAL CHARACTERISTICS:
3-1.OPERATING TEMPERATURE RANGE:-40°C TO +105°C.

用REEL装须贴上MYLAR

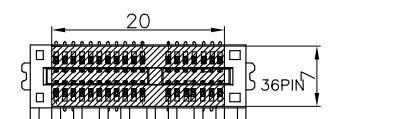
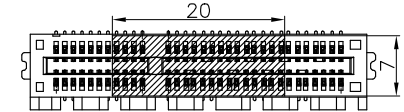
贴MYLAR示意图



用TRAY装见料号是否贴上MYLAR



用HARD TRAY装见料号是否贴上MYLAR



#POS REF	N	DIM E	DIM F	DIM G	PIN C
36	6	28.00	9.15	8.15	B17
64	20	42.00	23.15	22.15	B31
98	37	59.00	40.15	39.15	B48
164	70	92.00	73.15	72.15	B81



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CUSTOMER DRAWING DATE TITLE: PCI EXPRESS 5.0 SMT TYPE

DESIGN: Chen 03/31'22 P/N: SEE TABLE

CHECK: Bilil.Lin 03/31'22 SHEET: 2/5

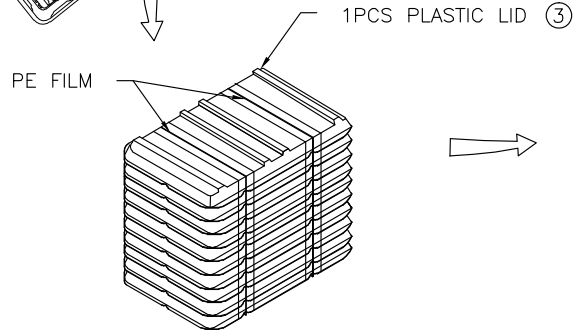
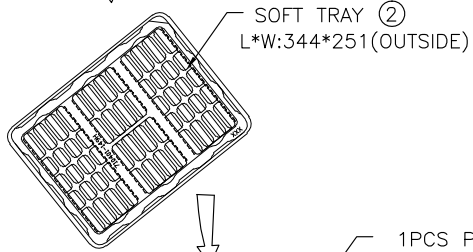
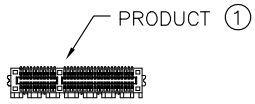
REV. X3 APPROVAL: Smark.Huo 03/31'22 SCALE: 1:1 UNIT: mm

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2'
.x	±0.25	.x	±1'
.xx	±0.20		

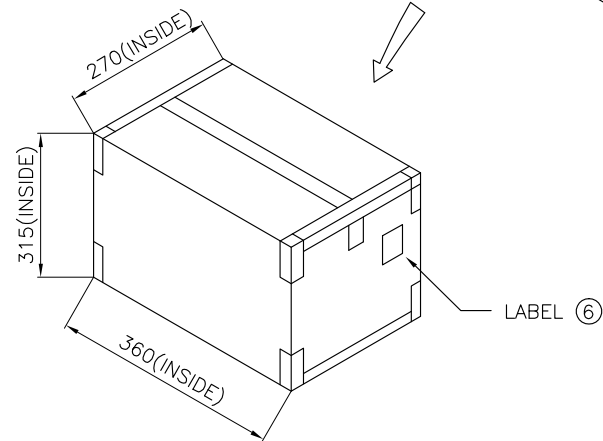
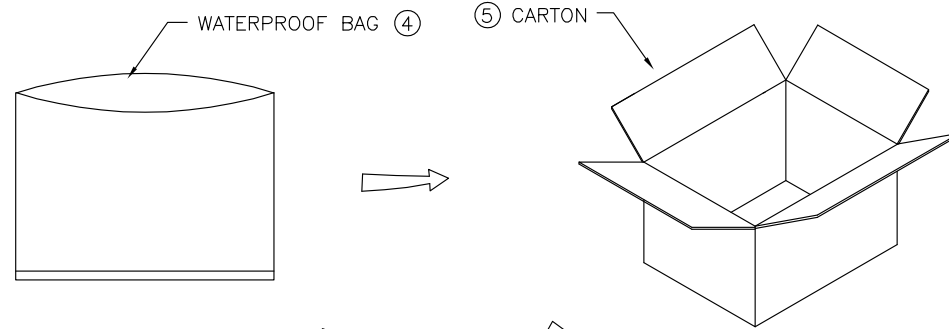
DRAW NO. SC2107775

HF

Halogen Free

PF

5	CARTON			1
4	BAG			1
3	LID			1
2	SOFT TRAY	-		20
1	CONN	-	-	SEE TABLE
NO.	PART NAME	PART NUMBER	SPEC.	QTY

**NOTE:**

1. PUT THE PRODUCTS INTO TRAY WITH DIRECTION AS THE LEFT SKETCH SHOWN, Q'ty SEE TABLE, 12 TRAYS STACKED UP PER BUNDLE. THEN ADD AN EMPTY TRAY ON TOPSIDE.
2. WIND THE TWO ENDS WITH PE FILM.
3. PUT THE PRODUCTS BUNDLED INTO WATER-PROOF PE BAG, 1BUNDLES/BAG, THEN PUT INTO THE CARTON.
4. SEAL OUTER CARTON WITH PACKING TAPE LIKE A "H" SHAPE
5. PACKAGING QUANTITY:SEE TABLE.

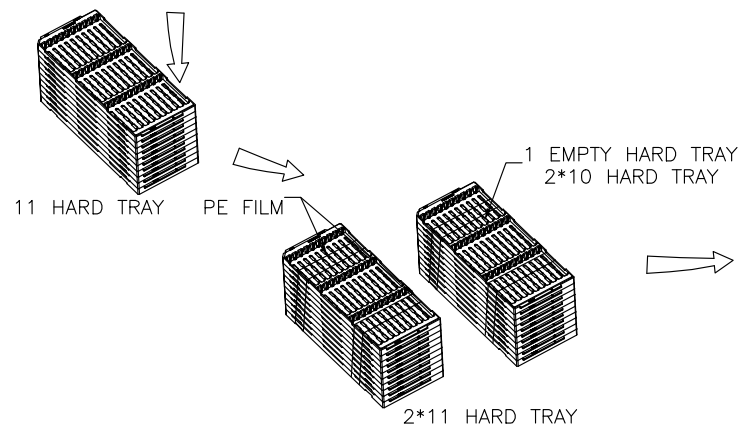
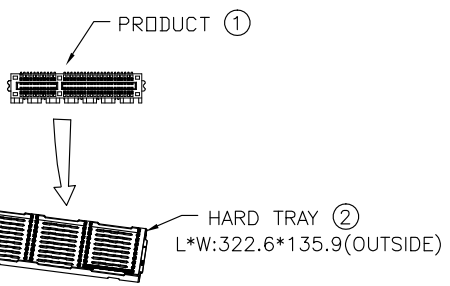
P/N:	#POS REF	RIDGE	PCS/ROW OF TRAY	PCS/COLUMN OF TRAY	PCS/TRAY	TRAYS/CARTON	PCS/CARTON
564ZD4-013H*1*1	36	WITH	15	8	120	20	2400
564ZD4-013H*2*1		WITHOUT	15	8	120	20	2400
564ZD4-013H*3*1	64	WITH	15	6	90	20	1800
564ZD4-013H*4*1		WITHOUT	15	6	90	20	1800
564ZD4-013H*5*1	98	WITH	15	4	60	20	1200
564ZD4-013H*6*1		WITHOUT	15	4	60	20	1200
564ZD4-013H*7*1	164	WITH	15	3	45	20	900
564ZD4-013H*8*1-YC		WITHOUT	15	3	45	20	900

DIM	TOL	DIM	TOL
x.		x.	
.x		.x	
.xx			

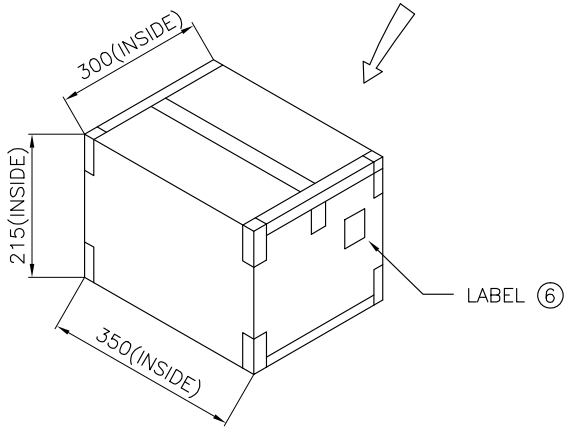
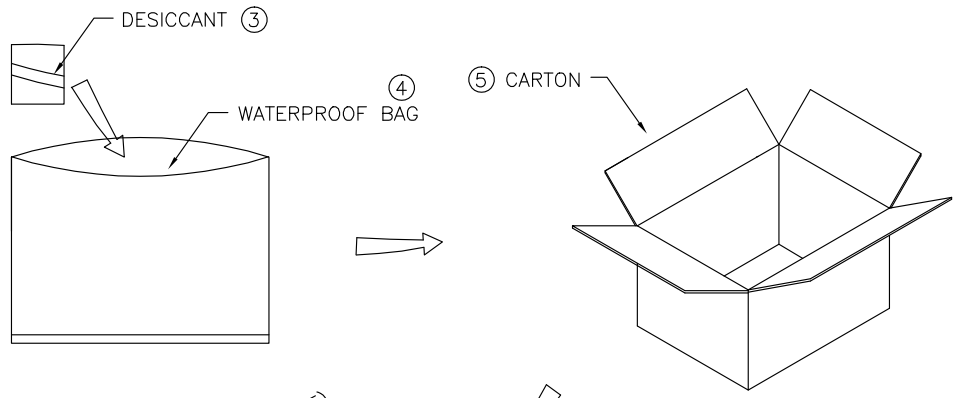
**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING	DATE	TITLE: PCI EXPRESS 5.0 SMT TYPE
DESIGN: Chen	03/31'22	P/N: SEE TABLE
CHECK: Bill.Lin	03/31'22	SHEET: 3/5
REV. X3	APPROVAL: Smark.Huo	03/31'22
		SCALE: N/A UNIT: mm



5	CARTON	-	350*300*215mm	1
4	BAG	-	520*600*0.15mm	1
3	DESICCANT	-	50g/BAG	2
2	HARD TRAY	-	322.6*135.9*16.84mm	22
1	CONN	-	-	SEE TABLE
NO.	PART NAME	PART NUMBER	SPEC.	QTY



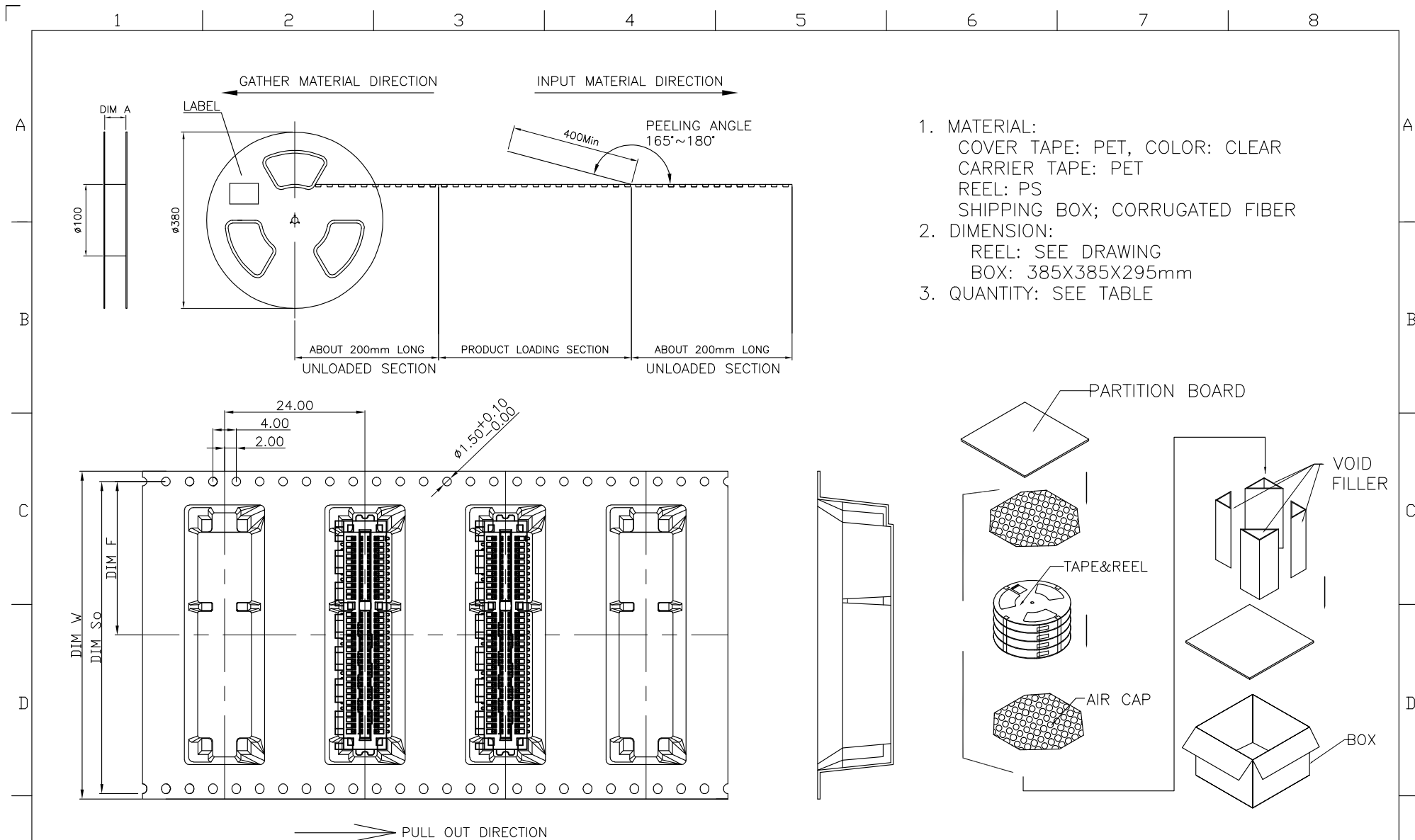
- NOTE:
1. PUT THE PRODUCTS INTO HARD TRAY WITH DIRECTION AS THE LEFT SKETCH SHOWN,Q'TY SEE TABLE, 10 HARD TRAYS STACKED UP PER BUNDLE. THEN ADD AN EMPTY HARD TRAY ON TOPSIDE.
 2. WIND THE TWO ENDS WITH PE FILM.
 3. PUT THE PRODUCTS BUNDLED INTO WATER-PROOF PE BAG,2BUNLDES/BAG,THEN PUT INTO THE CARTON.
 4. SEAL OUTER CARTON WITH PACKING TAPE LIKE A 'H' SHAPE
 5. PACKAGING QUANTITY:SEE TABLE.

P/N:	#POS REF	RIDGE	PCS/ROW OF HARDTRAY	PCS/COLUMN OF HARD TRAY	PCS/HARD TRAY	HARD TRAY/CARTON	PCS/CARTON
564ZD4-013H*1*3	36	WITH	7	10	70	22	1400
564ZD4-013H*2*3		WITHOUT	7	10	70	22	1400
564ZD4-013H*3*3	64	WITH	6	10	60	22	1200
564ZD4-013H*4*3		WITHOUT	6	10	60	22	1200
564ZD4-013H*5*3	98	WITH	4	10	40	22	800
564ZD4-013H*6*3		WITHOUT	4	10	40	22	800
564ZD4-013H*7*3	164	WITH	3	10	30	22	600
564ZD4-013H*8*3		WITHOUT	3	10	30	22	600

DIM	TOL	DIM	TOL
x.		x.	
.x		.x	
.xx			

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SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING		DATE		TITLE: PCI EXPRESS 5.0 SMT TYPE	
DESIGN: Chen	03/31'22	P/N: SEE TABLE			
CHECK: Bill.Lin	03/31'22	SHEET: 4/5	☉ ↗		
REV. X3	APPROVAL: Smark.Huo	03/31'22	SCALE: N/A	UNIT: mm	



1. MATERIAL:
 COVER TAPE: PET, COLOR: CLEAR
 CARRIER TAPE: PET
 REEL: PS
 SHIPPING BOX; CORRUGATED FIBER
2. DIMENSION:
 REEL: SEE DRAWING
 BOX: 385X385X295mm
3. QUANTITY: SEE TABLE

P/N:	#POS REF	RIDGE	DIM W	DIM S ₄	DIM F	DIM A /REEL	PCS/ REEL	REELS/ CARTON	PCS/ CARTON
564ZD4-013H*1*2	36	WITH	44	40.4	20.2	44.4	300	5	1500
564ZD4-013H*2*2		WITHOUT							
564ZD4-013H*3*2	64	WITH	56	52.4	26.2	56.4	300	4	1200
564ZD4-013H*4*2		WITHOUT							
564ZD4-013H*5*2	98	WITH	72	68.4	34.2	72.4	300	3	900
564ZD4-013H*6*2		WITHOUT							
564ZD4-013H*7*2	164	WITH	104	100.4	50.2	104.4	300	2	600
564ZD4-013H*8*2		WITHOUT							

DIM	TOL	DIM	TOL
x.		x.	
.x		.x	
.xx			

DEREN
 SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING		DATE	TITLE: PCI EXPRESS 5.0 SMT TYPE
DESIGN: Chen	03/31'22	P/N: SEE TABLE	
CHECK: Bill.Lin	03/31'22	SHEET: 5/5	
REV. X3	APPROVAL: Smark.Huo	03/31'22	SCALE: N/A UNIT: mm