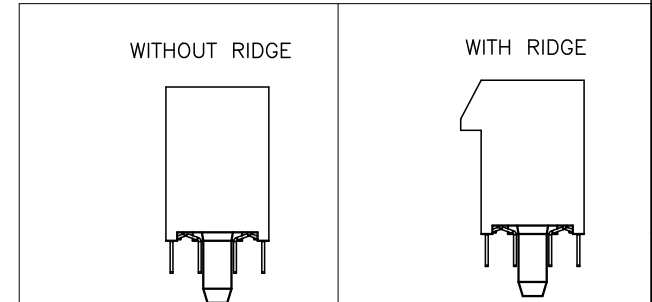


REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	8/11'23	Cy.Zhu

NOTES:
 PRODUCT MEETS CONTROLLED SUBSTANCES SPEC. ROHS 2.0
 1. MATERIAL:
 1.1 HOUSING:PA6T+30%G/F, UL94V-0; COLOR: BLACK
 1.2 CONTACT :C5191-EH,T=0.20
 1.3 MYLAR: POLYIMIDE FILM, t=0.10mm
 2. FINISH:
 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.
 3.DATE CODE : YYWWD (YY: YEAR, WW: WEEK, D: DAY)
 4.PART NUMBER DESCRIPTION:
 564ZD4 - 0 1 1 H * * * *
 * PACKING CODE: 1:TRAY
 2:REEL
 * HOUSING COLOR: 1:BLACK 2:WITHE 3.BLUE
 * TAIL LENGTH CODE:1:2.3mm 2.3.1mm
 3.1.80mm 4.3.56mm
 * 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
 * PLATING CODE: 1: G/F
 2: 15u" Min
 3: 30u" Min
 * HALOGEN CODE: H: HALOGEN FREE



P/N:	#POS REF	N	DIM A	DIM B	DIM C	DIM D	PCB THK
564ZD4-011H*****	36	6	7.65	25.00	9.15	2.30±0.25	1.58
564ZD4-011H*****	64	20	21.65	39.00	23.15	3.10±0.25	2.38
564ZD4-011H*****	98	37	38.65	56.00	40.15	1.80±0.25	1.10
564ZD4-011H*****	164	70	71.65	89.00	73.15	3.56±0.25	

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



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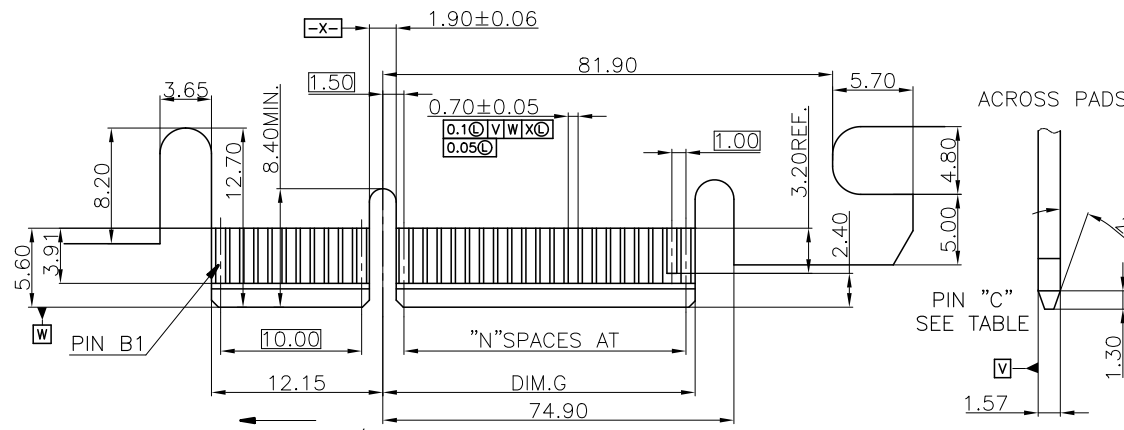
DWG-C	TY	DATE	TITLE: PCI EXPRESS 4.0 PITCH 1.0 DIP TYPE 普通版
DESIGN:	Cy.Zhu	8/11'23	P/N: SEE TABLE
CHECK:	MIKE.CHEN	8/11'23	SHEET: 1/4
APPROVAL:	Bill.Lin	8/11'23	SCALE: 1:1 UNIT: mm

HF

Halogen Free



PIN DEFINITION		PIN DEFINITION	
Side B	Side A	Side B	Side A
1 +12V	1 PRSNT1	1 +12V	1 PRSNT1
2 +12V	2 GND	2 +12V	2 GND
3 +12V	3 +12V	3 +12V	3 +12V
4 GROUND	4 GROUND	4 GROUND	4 GROUND
5 SMBCLK	5 JTAG2	5 SMBCLK	5 JTAG2
6 SMBDAT	6 JTAG3	6 SMBDAT	6 JTAG3
7 GROUND	7 JTAG4	7 GROUND	7 JTAG4
8 3.3V	8 JTAG5	8 3.3V	8 JTAG5
9 JTAG1	9 +3.3V	9 JTAG1	9 +3.3V
10 +3.3Vaux	10 +3.3V	10 +3.3Vaux	10 +3.3V
11 WAKE#	11 PER#2	11 WAKE#	11 PER#2
12 CLKREQ#	12 GROUND	12 CLKREQ#	12 GROUND
13 GND	13 REFCLK+	13 GND	13 REFCLK+
14 PET#0	14 REFCLK-	14 PET#0	14 REFCLK-
15 PET#0	15 GND	15 PET#0	15 GND
16 GND	16 PER#0	16 GND	16 PER#0
17 PRSNT2#	17 PER#0	17 PRSNT2#	17 PER#0
18 GND	18 GND	18 GND	18 GND
19 PET#1	19 MFG	19 PET#1	19 MFG
20 PET#1	20 GND	20 PET#1	20 GND
21 GND	21 PER#1	21 GND	21 PER#1
22 GND	22 PER#1	22 GND	22 PER#1
23 PET#2	23 GND	23 PET#2	23 GND
24 PET#2	24 GND	24 PET#2	24 GND
25 GND	25 PER#2	25 GND	25 PER#2
26 GND	26 PER#2	26 GND	26 PER#2
27 PET#3	27 GND	27 PET#3	27 GND
28 PET#3	28 GND	28 PET#3	28 GND
29 GND	29 PER#3	29 GND	29 PER#3
30 FWRBK#	30 PER#3	30 FWRBK#	30 PER#3
31 PRSNT2#	31 GND	31 PRSNT2#	31 GND
32 GND	32 RSV#0	32 GND	32 RSV#0
33 PET#4	33 GND	33 PET#4	33 GND
34 PET#4	34 GND	34 PET#4	34 GND
35 GND	35 PER#4	35 GND	35 PER#4
36 GND	36 PER#4	36 GND	36 PER#4
37 PET#5	37 GND	37 PET#5	37 GND
38 PET#5	38 GND	38 PET#5	38 GND
39 GND	39 PER#5	39 GND	39 PER#5
40 GND	40 PER#5	40 GND	40 PER#5
41 PET#6	41 GND	41 PET#6	41 GND
42 PET#6	42 GND	42 PET#6	42 GND
43 GND	43 PER#6	43 GND	43 PER#6
44 GND	44 PER#6	44 GND	44 PER#6
45 PET#7	45 GND	45 PET#7	45 GND
46 PET#7	46 GND	46 PET#7	46 GND
47 GND	47 PER#7	47 GND	47 PER#7
48 PRSNT2#	48 PER#7	48 PRSNT2#	48 PER#7
49 GND	49 GND	49 GND	49 GND
50 PET#8	50 RSV#0	50 PET#8	50 RSV#0
51 PET#8	51 GND	51 PET#8	51 GND
52 GND	52 PER#8	52 GND	52 PER#8
53 GND	53 PER#8	53 GND	53 PER#8
54 PET#9	54 GND	54 PET#9	54 GND
55 PET#9	55 GND	55 PET#9	55 GND
56 GND	56 PER#9	56 GND	56 PER#9
57 GND	57 PER#9	57 GND	57 PER#9
58 PET#10	58 GND	58 PET#10	58 GND
59 PET#10	59 GND	59 PET#10	59 GND
60 GND	60 PER#10	60 GND	60 PER#10
61 GND	61 PER#10	61 GND	61 PER#10
62 PET#11	62 GND	62 PET#11	62 GND
63 PET#11	63 GND	63 PET#11	63 GND
64 GND	64 PER#11	64 GND	64 PER#11
65 GND	65 PER#11	65 GND	65 PER#11
66 PET#12	66 GND	66 PET#12	66 GND
67 PET#12	67 GND	67 PET#12	67 GND
68 GND	68 PER#12	68 GND	68 PER#12
69 GND	69 PER#12	69 GND	69 PER#12
70 PET#13	70 GND	70 PET#13	70 GND
71 PET#13	71 GND	71 PET#13	71 GND
72 GND	72 PER#13	72 GND	72 PER#13
73 GND	73 PER#13	73 GND	73 PER#13
74 PET#14	74 GND	74 PET#14	74 GND
75 PET#14	75 GND	75 PET#14	75 GND
76 GND	76 PER#14	76 GND	76 PER#14
77 GND	77 PER#14	77 GND	77 PER#14
78 PET#15	78 GND	78 PET#15	78 GND
79 PET#15	79 GND	79 PET#15	79 GND
80 GND	80 PER#15	80 GND	80 PER#15
81 PRSNT2#	81 PER#15	81 PRSNT2#	81 PER#15
82 RSV#0	82 GND	82 RSV#0	82 GND

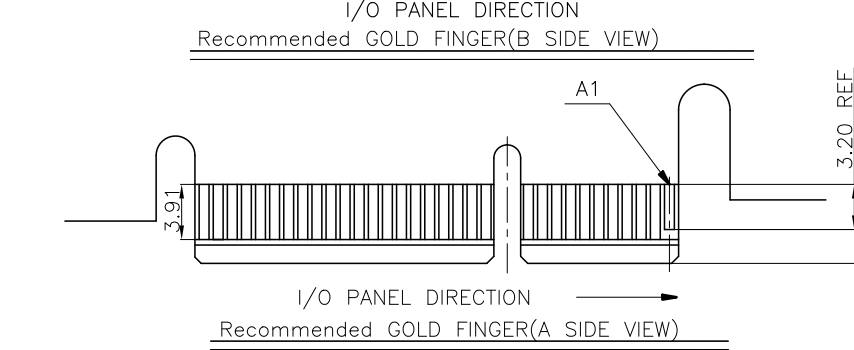


NOTES:
 NO TIE PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "C"
 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS

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

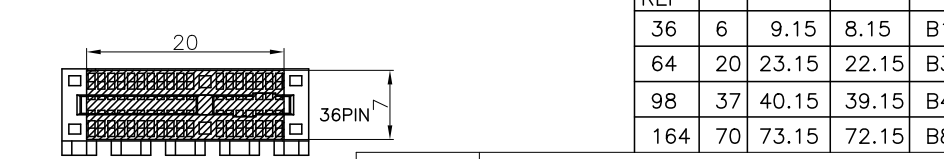
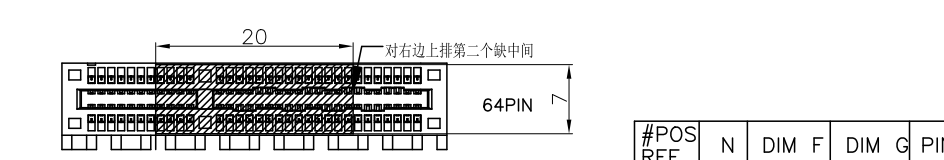
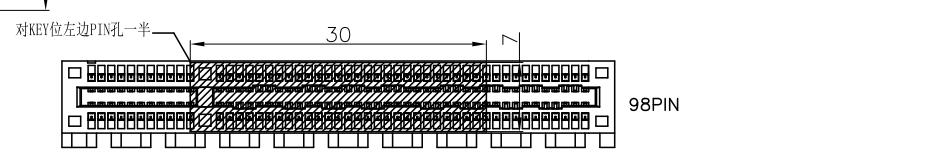
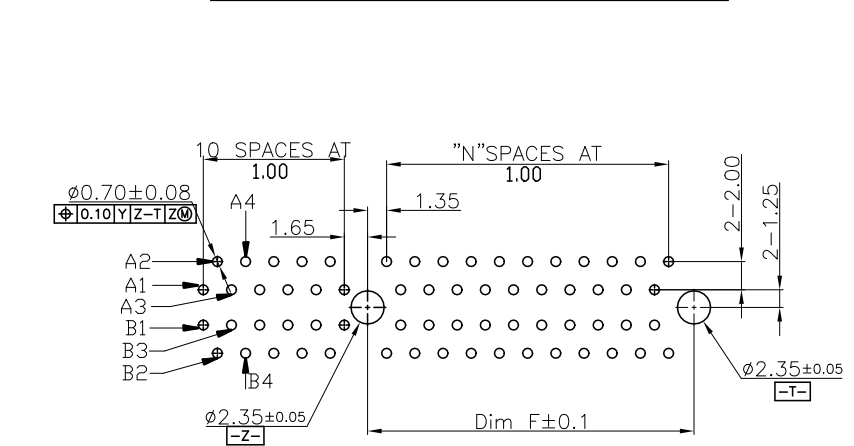
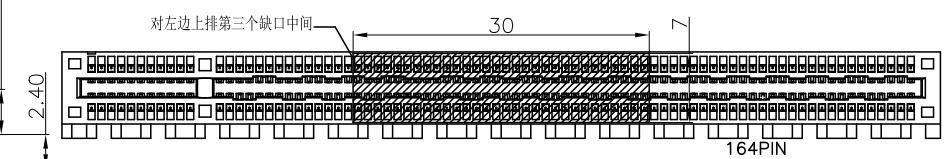
2.MECHANICAL CHARACTERISTICS:
 2-1.INSERTION FORCE:1.15N MAX.PER CONTACT PAIR.
 2-2.REMOVAL FORCE:0.15N MIN.PER CONTACT PAIR
 2-3.DURABILITY:50 MATING AND UNMATING CYCLES.
 2-4.CONTACT RETENTION FORCE:2N MIN.

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



贴MYLAR示意图

用REEL装须贴上MYLAR



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

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

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DWG-C TY DATE TITLE: PCI EXPRESS 4.0 PITCH 1.0 DIP TYPE 普通版

DESIGN: Cy.Zhu 8/11'23 P/N: SEE TABLE

CHECK: MIKE.CHEN 8/11'23 SHEET: 2/4

REV. A APPROVAL: Bill.Lin 8/11'23 SCALE: 1:1 UNIT: mm

RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)
 DEFAULT TOLERANCES: ±0.05

HF

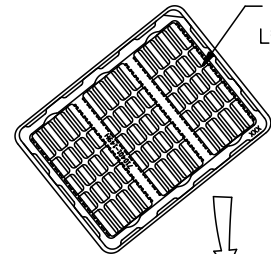
Halogen Free



PRODUCT ①

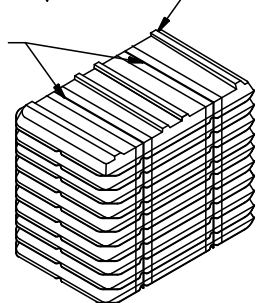


SOFT TRAY ②
L*W:344*251(OUTSIDE)

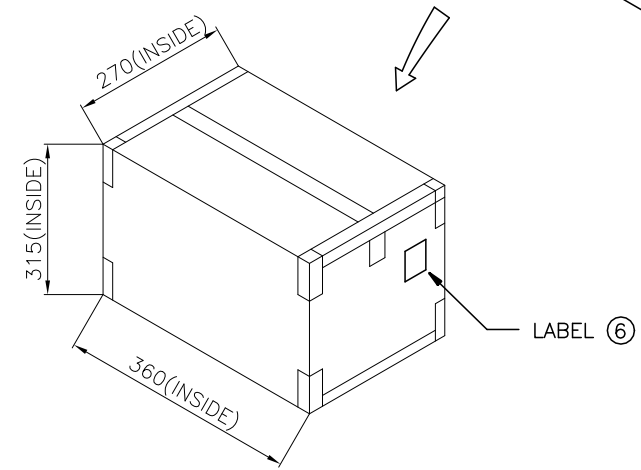
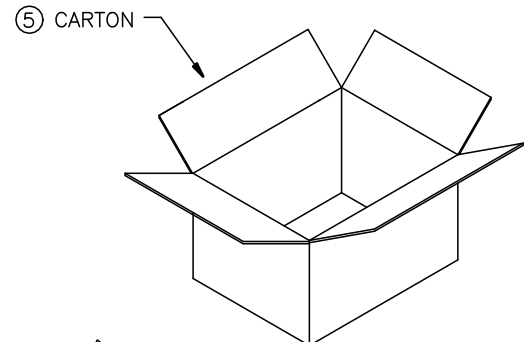
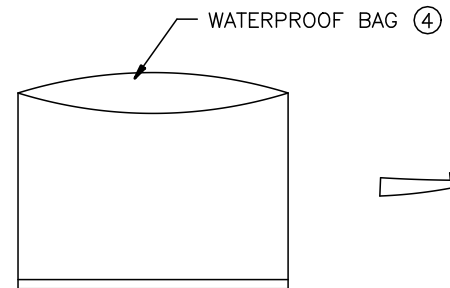


1PCS PLASTIC LID ③

PE FILM



5	CARTON	50-41001-18	360*270*315mm(INNER)	1
4	BAG	55-41009-01	750*600*0.05mm	1
3	LID	-	344*251mm	1
2	SOFT TRAY	-	344*251mm	12
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
564ZD4-011H****1	36	WITH	15	8	120	12	1440
564ZD4-011H****1		WITHOUT	15	8	120	12	1440
564ZD4-011H****1	64	WITH	15	6	90	12	1080
564ZD4-011H****1		WITHOUT	15	6	90	12	1080
564ZD4-011H****1	98	WITH	15	4	60	12	720
564ZD4-011H****1		WITHOUT	15	4	60	12	720
564ZD4-011H****1	164	WITH	15	3	45	12	540
564ZD4-011H****1		WITHOUT	15	3	45	12	540

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

DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

DWG-C	TY	DATE	TITLE: PCI EXPRESS 4.0 PITCH 1.0 DIP TYPE 普通版	
DESIGN:	Cy.Zhu	8/11'23	P/N: SEE TABLE	
CHECK:	MIKE.CHEN	8/11'23	SHEET: 3/4	
REV. A	APPROVAL: Bill.Lin	8/11'23	SCALE: 1:1	UNIT: mm

1

2

3

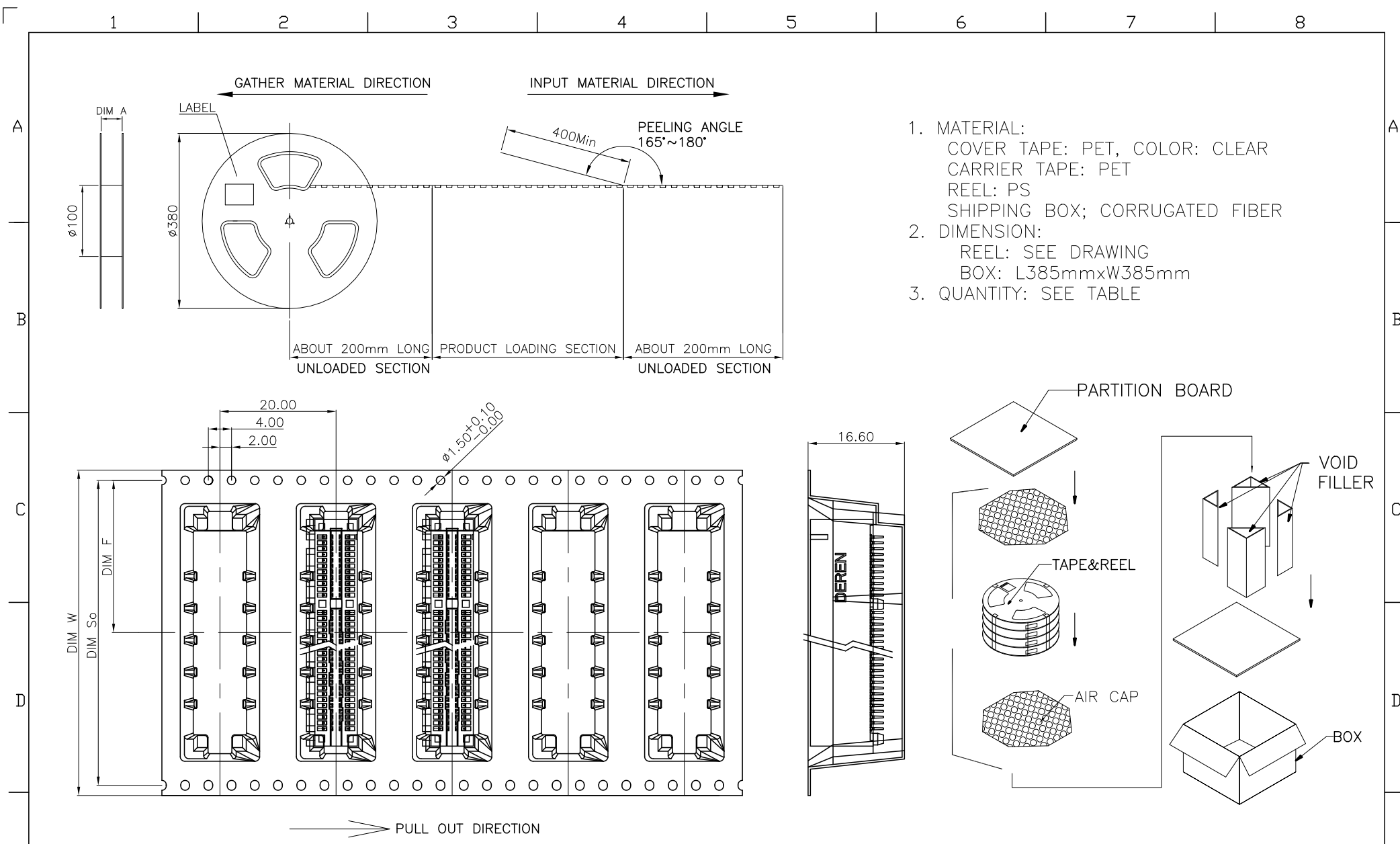
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5

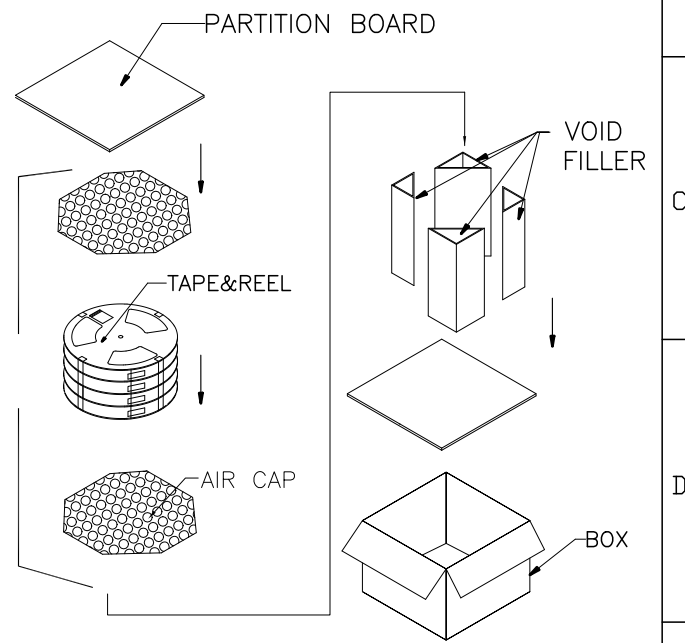
6

7

8



1. MATERIAL:
COVER TAPE: PET, COLOR: CLEAR
CARRIER TAPE: PET
REEL: PS
SHIPPING BOX; CORRUGATED FIBER
2. DIMENSION:
REEL: SEE DRAWING
BOX: L385mmxW385mm
3. QUANTITY: SEE TABLE



P/N:	#POS REF	RIDGE	DIM W	DIM Sφ	DIM F	DIM A / REEL	PCS/ REEL	REELS/ CARTON	PCS/ CARTON
564ZD4-011H***2	36	WITH	44	40.4	20.2	44.4	200	5	1000
564ZD4-011H***2		WITHOUT							
564ZD4-011H***2	64	WITH	56	52.4	26.2	56.4	200	4	800
564ZD4-011H***2		WITHOUT							
564ZD4-011H***2	98	WITH	72	68.4	34.2	72.4	200	3	600
564ZD4-011H***2		WITHOUT							
564ZD4-011H***2	164	WITH	104	100.4	50.2	104.4	200	2	400
564ZD4-011H***2		WITHOUT							

DIM	TOL	DIM	TOL
X.	±0.30	X.	±2°
.X	±0.25	.X	±1°
.XX	±0.20		

		DEREN SHENZHEN DEREN ELECTRONIC CO., LTD		TITLE: PCI EXPRESS 4.0 PITCH 1.0_DIP_TYPE普通版	
				DRAW NO. SC2107399	
DWG-C	TY	DATE	DESIGN:	Cy.Zhu	8/11'23
REV. A	APPROVAL:	Bill.Lin	CHECK:	MIKE.CHEN	8/11'23
			SCALE:	N/A	UNIT: mm