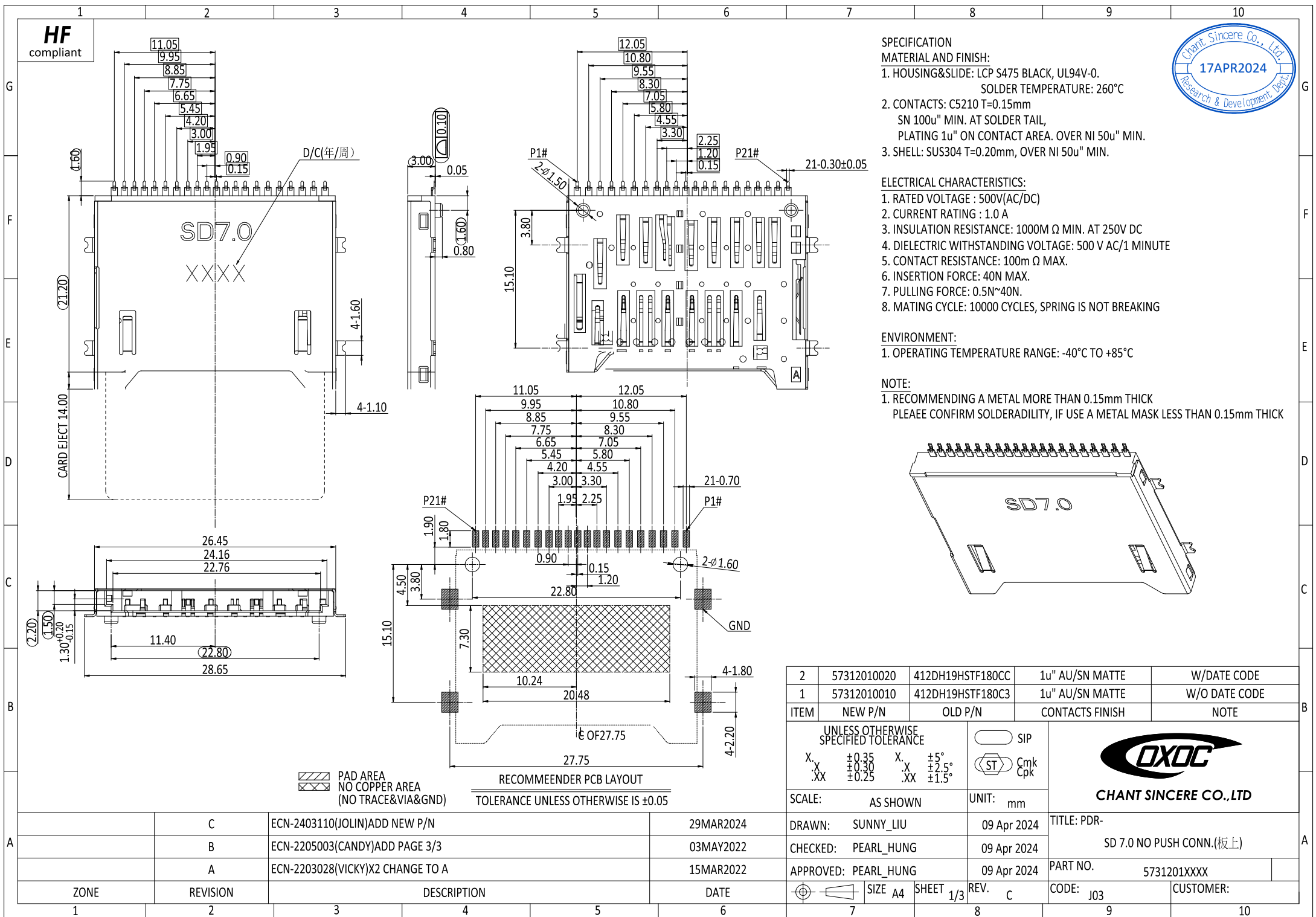




SPECIFICATION

MATERIAL AND FINISH:

- HOUSING&SLIDE: LCP S475 BLACK, UL94V-0.
SOLDER TEMPERATURE: 260°C
- CONTACTS: C5210 T=0.15mm
SN 100u" MIN. AT SOLDER TAIL,
PLATING 1u" ON CONTACT AREA. OVER NI 50u" MIN.
- SHELL: SUS304 T=0.20mm, OVER NI 50u" MIN.

ELECTRICAL CHARACTERISTICS:

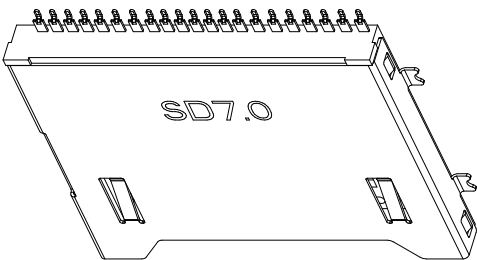
- RATED VOLTAGE : 500V(AC/DC)
- CURRENT RATING : 1.0 A
- INSULATION RESISTANCE: 1000M Ω MIN. AT 250V DC
- DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC/1 MINUTE
- CONTACT RESISTANCE: 100m Ω MAX.
- INSERTION FORCE: 40N MAX.
- PULLING FORCE: 0.5N~40N.
- MATING CYCLE: 10000 CYCLES, SPRING IS NOT BREAKING

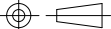
ENVIRONMENT:

- OPERATING TEMPERATURE RANGE: -40°C TO +85°C

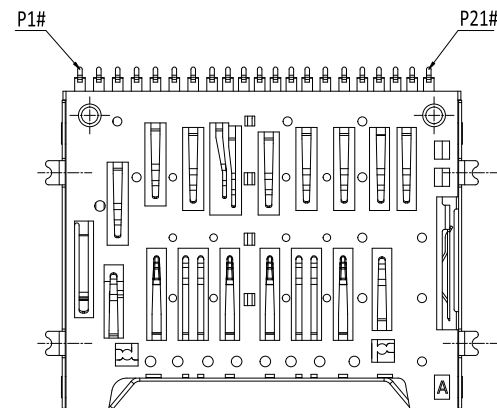
NOTE:

- RECOMMENDING A METAL MORE THAN 0.15mm THICK
PLEASE CONFIRM SOLDERABILITY, IF USE A METAL MASK LESS THAN 0.15mm THICK



2	57312010020	412DH19HSTF180CC	1u" AU/SN MATTE	W/DATE CODE	
1	57312010010	412DH19HSTF180C3	1u" AU/SN MATTE	W/O DATE CODE	
ITEM	NEW P/N	OLD P/N	CONTACTS FINISH	NOTE	
UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP	 CHANT SINCERE CO.,LTD		
X.X X.X .XX	+0.35 +0.30 ±0.25	X.X X .XX			+5° +2.5° ±1.5°
		 Cmk Cpk			
SCALE: AS SHOWN		UNIT: mm			
DRAWN: SUNNY_LIU		09 Apr 2024	TITLE: PDR- SD 7.0 NO PUSH CONN.(板上)		
CHECKED: PEARL_HUNG		09 Apr 2024			
APPROVED: PEARL_HUNG		09 Apr 2024	PART NO.	5731201XXXX	
	SIZE A4	SHEET 1/3	REV. C	CODE: J03	
7		8		9	
				10	

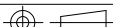
	C	ECN-2403110(JOLIN)ADD NEW P/N	29MAR2024
	B	ECN-2205003(CANDY)ADD PAGE 3/3	03MAY2022
	A	ECN-2203028(VICKY)X2 CHANGE TO A	15MAR2022
ZONE	REVISION	DESCRIPTION	DATE



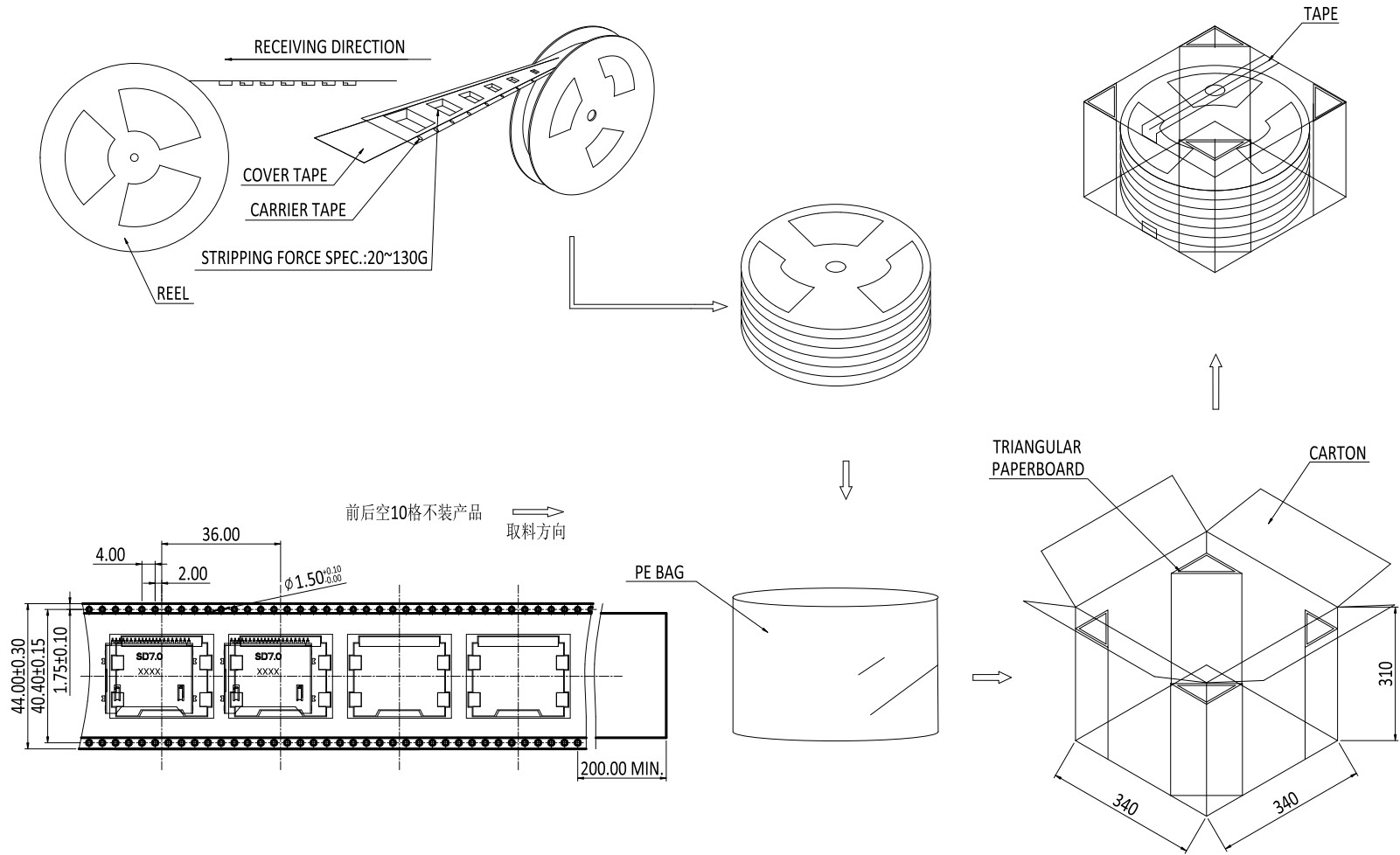
SD EXPRESS CARD

PIN DEFINE:

PIN#	NAME	DESCRIPTION	CARD PAD#	PIN#	NAME	DESCRIPTION	CARD PAD#
1	VSS3	SUPPLY VOLTAGE GROUND	10	12	VDD	SUPPLY VOLTAGE	4
2	/	RESERVED	Re	13	PCle_Rx-	/	15
3	DAT2	DATA LINE(BIT 2)	9	14	CLK	CLOCK	5
4	PCle_Tx+	/	11	15	PCle_Rx+	/	16
5	CD/DAT3	CARD DETECT/DATA LINE(BIT 3)	1	16	VSS2	SUPPLY VOLTAGE GROUND	6
6	PCle_Tx-	/	12	17	VSS5	SUPPLY VOLTAGE GROUND	17
7	CMD	COMMAND/RESPONSE	2	18	DAT0	DATA LINE(BIT 0)	7
8	CD	CARD DETECT	3	19	DAT1	DATA LINE(BIT 1)	8
9	VSS1	SUPPLY VOLTAGE GROUND	3	20	VDD3	SUPPLY VOLTAGE(1.2V)-TBD ⁽²⁾	18
10	VSS4	SUPPLY VOLTAGE GROUND	13	21	WP	WRITE PROTECT	
11	VDD2	SUPPLY VOLTAGE (1.8V)	14				

UNLESS OTHERWISE SPECIFIED TOLERANCE X. .X ±0.35 X. .X ±5° .X ±0.30 .X ±2.5° .XX ±0.25 .XX ±1.5°		 SIP  Cmk Cpk	 CHANT SINCERE CO.,LTD
SCALE: AS SHOWN	UNIT: mm		
DRAWN: SUNNY_LIU	09 Apr 2024	TITLE: PDR-	
CHECKED: PEARL_HUNG	09 Apr 2024	SD 7.0 NO PUSH CONN.(板上)	
APPROVED: PEARL_HUNG	09 Apr 2024	PART NO. 5731201XXXX	
 SIZE A4 SHEET 2/3 REV. C	CODE: J03	CUSTOMER:	

A	C	ECN-2403110(JOLIN)ADD NEW P/N				29MAR2024	DRAWN: SUNNY_LIU			09 Apr 2024	TITLE: PDR- SD 7.0 NO PUSH CONN.(板上)	
	B	ECN-2205003(CANDY)ADD PAGE 3/3				03MAY2022	CHECKED: PEARL_HUNG			09 Apr 2024		
	A	ECN-2203028(VICKY)X2 CHANGE TO A				15MAR2022	APPROVED: PEARL_HUNG			09 Apr 2024	PART NO. 5731201XXXX	
	ZONE	REVISION	DESCRIPTION				DATE		SIZE A4	SHEET 2/3	REV. C	CODE: J03
1	2	3	4	5	6	7	8	9	10			



4	QUANTITY OF PER TRAY	300PCS/REEL
3	QUANTITY OF PER CARTON	6x300=1800PCS/CARTON
2	TRAY TYPE	φ330x44H
1	CARTON SIZE	340x340x310

ITEM	PART	MATERIAL
	C	ECN-2403110(JOLIN)ADD NEW P/N
	B	ECN-2205003(CANDY)ADD PAGE 3/3
ZONE	REVISION	DESCRIPTION

UNLESS OTHERWISE SPECIFIED TOLERANCE			
X..X	±0.35	X..X	±5°
.XX	±0.30	.XX	±2.5°
.XX	±0.25	.XX	±1.5°
SCALE:	AS SHOWN		UNIT: mm
DRAWN:	SUNNY_LIU	09 Apr 2024	TITLE: PDR-
CHECKED:	PEARL_HUNG	09 Apr 2024	SD 7.0 NO PUSH CONN.(板上)
APPROVED:	PEARL_HUNG	09 Apr 2024	PART NO. 5731201XXXX
SIZE	A4	SHEET 3/3	REV. C

CHANT SINCERE CO.,LTD	
CODE: J03	CUSTOMER: