

HF
compliant

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F

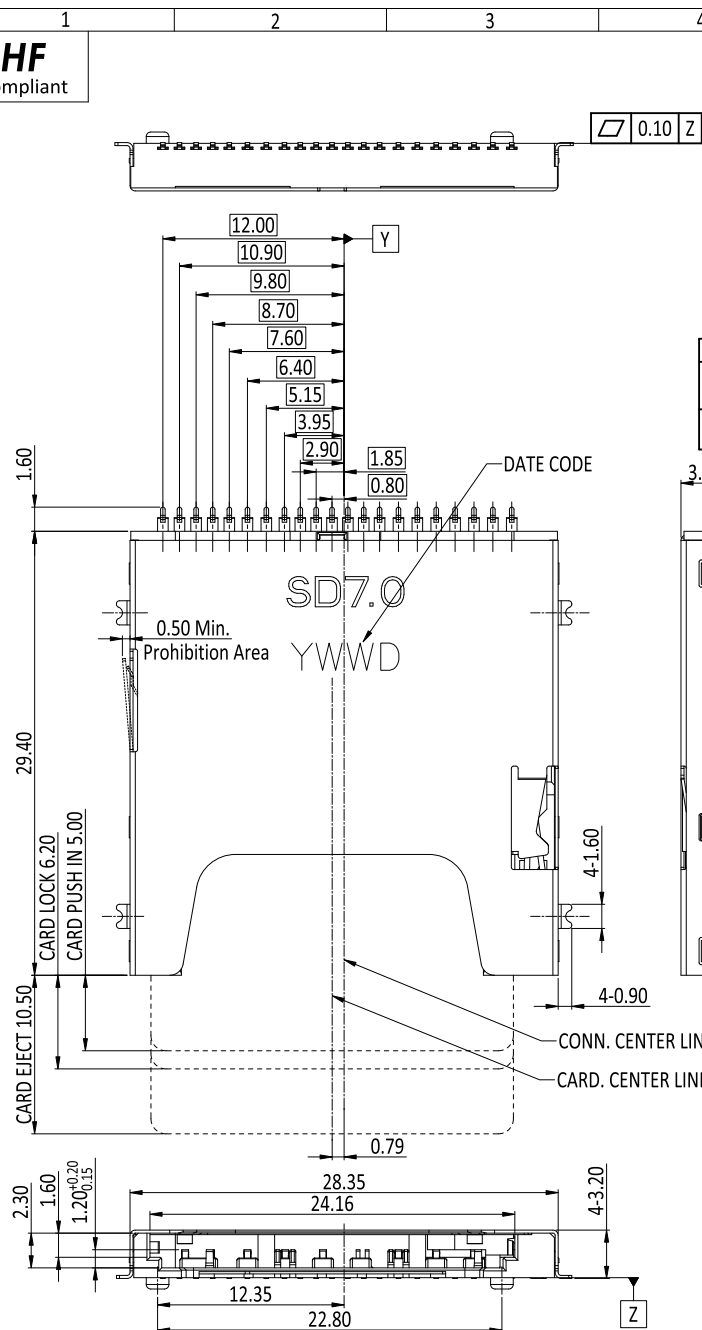
E

D

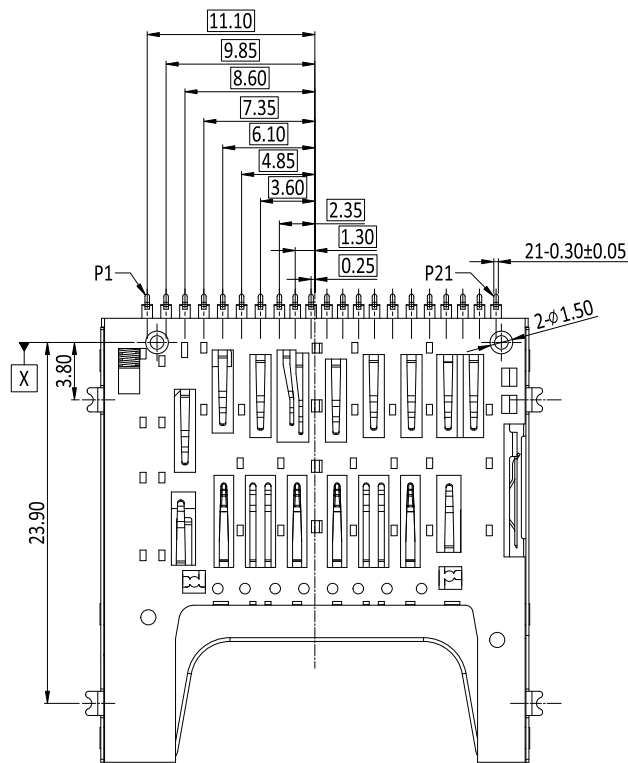
C

B

A



	B	ECN-2312023(JERRY_LIN)ADD NEW P/N	07DEC2023
	A	ECN-2205003(CANDY)ADD PAGE 3/3	03MAY2022
ZONE	REVISION	DESCRIPTION	DATE



DATE CODE
Y W W D
第几天
第几周
年的尾码

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
AU 1u" ON CONTACT AREA
OVER NI 50u" MIN.
- SHELL: SUS304 T=0.20mm
GOLD FLASH AT SOLDER TAIL, OVER NI 50u" MIN.
- SPRING: JEAN STEEL WIRE SWP-B φ0.27mm
- LINK: SUS304-H φ0.36mm

ELECTRICAL CHARACTERISTIC:

- RATED VOLTAGE : 500 V (AC/DC)
- CURRENT RATING : 1.0 A
- INSULATION RESISTANCE: 1000 MΩ MIN. AT 250 VDC
- DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC / 1 MINUTE
- CONTACT RESISTANCE: 100 mΩ MAX.

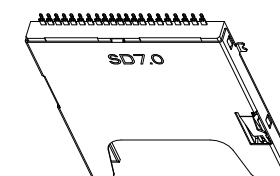
MECHANICAL CHARACTERISTIC:

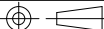
- INSERTION FORCE: 40 N MAX.
- PULLING FORCE: 0.5 N ~ 40 N
- MATING CYCLE: 5000 CYCLES, SPRING IS NOT BREAKING

ENVIRONMENT:

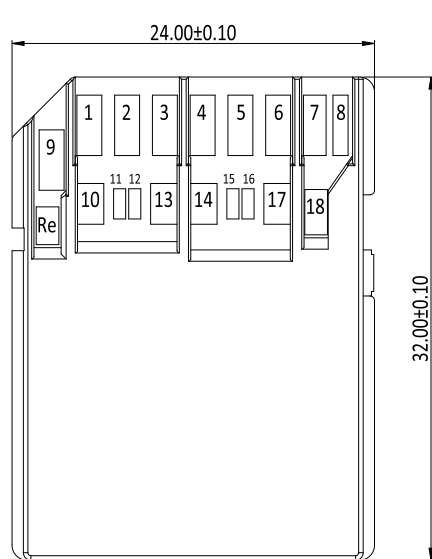
- OPERATING TEMPERATURE: -40°C ~ +85°C.

RECOMMENDING A METAL MORE THAN 0.15mm THICK.
PLEASEE CONFIRM SOLDERADILITY,IF USE A METAL MASK
LESS THAN 0.15mm THICK.

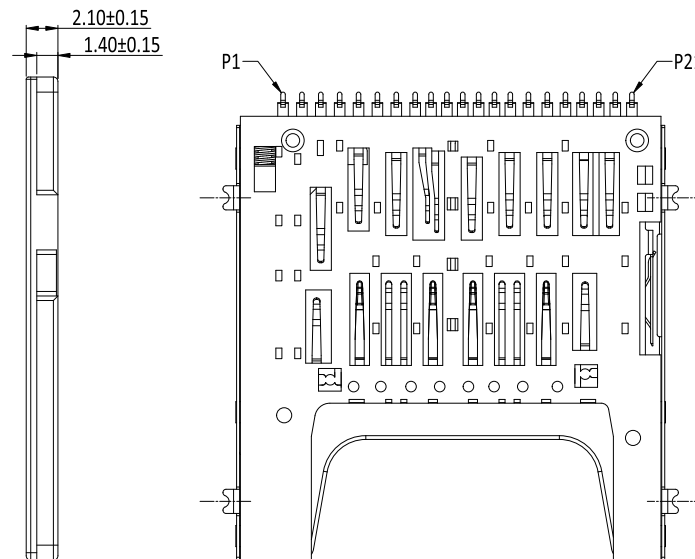


2	57311010020	412DH19HSTF380CC	1u" AU/SN MATTE	W/DATE CODE
1	57311010010	412DH19HSTF380C3	1u" AU/SN MATTE	W/O DATE CODE
ITEM	NEW P/N	OLD P/N	CONTACTS FINISH	NOTE
UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP	 CHANT SINCERE CO.,LTD	
ANG. ±1°		 Cmk		
0 ±0.30		Cpk		
.00 ±0.20				
.000 ±0.10				
SCALE:	AS SHOWN	UNIT:	mm	
DRAWN:	PEARL_HUNG		08 Dec 2023	TITLE: PDR-
CHECKED:	RITA_CHANG		25 Dec 2023	SD 7.0 PUSH CONN.(板上)
APPROVED:	RITA_CHANG		25 Dec 2023	PART NO. 5731101XXXX
	SIZE A4	SHEET 1/3	REV. B	CODE: J03
				CUSTOMER:

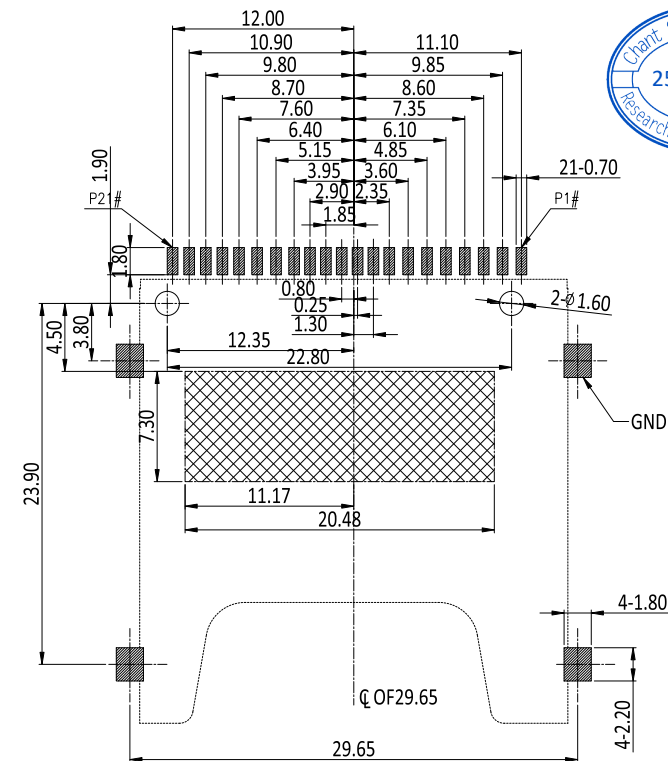
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SD EXPRESS CARD



SD7.0 PUSH CARD CONN.



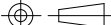
RECOMMEENDER PCB LAYOUT
TOLERANCE UNLESS OTHERWISE IS ± 0.05

/// PAD AREA
XXX NO COPPER AREA
(NO Trace&Via&GND)

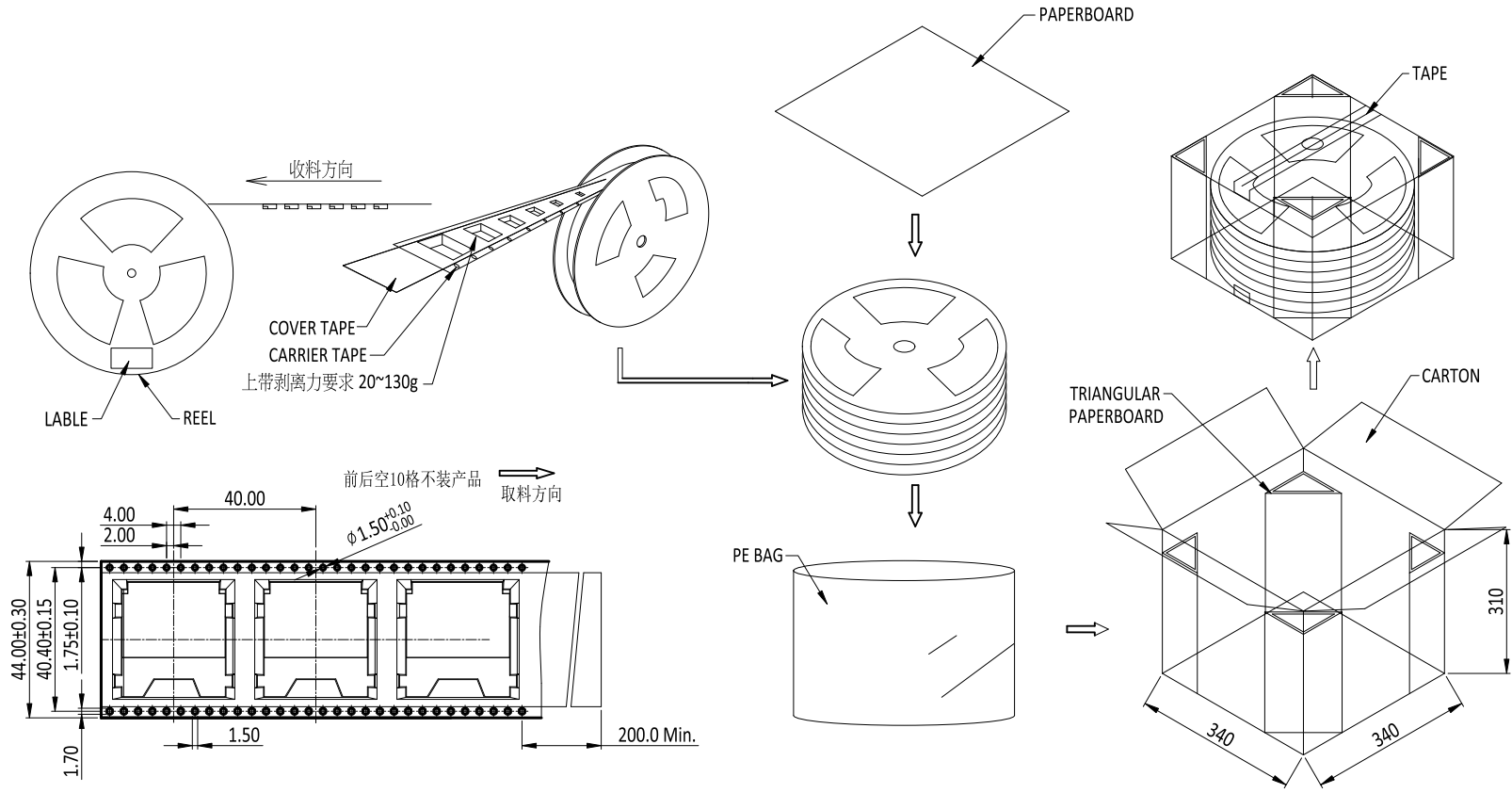
PIN DEFINE:

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				

CARD DETECT	8# 9# CARD OUT	8# 9# CARD INSERT
WRITE PROTECT	21# GND WRITE PROTECTED	21# GND WRITE ENABLE

UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ±1° .0 ±0.30 .00 ±0.20 .000 ±0.10		 SIP  Cmk Cpk	 CHANT SINCERE CO.,LTD	
SCALE: AS SHOWN	UNIT: mm			
DRAWN: PEARL_HUNG	08 Dec 2023	TITLE: PDR- SD 7.0 PUSH CONN.(板上)		
CHECKED: RITA_CHANG	25 Dec 2023			
APPROVED: RITA_CHANG	25 Dec 2023	PART NO. 5731101XXXX		
 SIZE A4	SHEET 2/3	REV. B	CODE: J03	CUSTOMER:

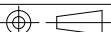
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FOR OCEAN AND AIR SHIPPING PRODUCTS COVER PAPERBOARD

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

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UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP		 CHANT SINCERE CO.,LTD	
ANG. $\pm 3^{\circ}$		 Cmk Cpk			
0. ± 0.50					
.0 ± 0.38					
.00 ± 0.25					
SCALE: AS SHOWN		UNIT: mm		TITLE: PDR- SD 7.0 PUSH CONN.(板上)	
DRAWN: PEARL_HUNG		08 Dec 2023			
CHECKED: RITA_CHANG		25 Dec 2023			
APPROVED: RITA_CHANG		25 Dec 2023		PART NO. 5731101XXXX	
		SIZE A4	SHEET 3/3	REV. B	CODE: J03
					CUSTOMER: