

SPECIFICATION

MATERIAL AND FINISH:

1. HOUSING: LCP UL94V-0, BLACK

2. CONTACTS: C2680R-H T=0.20±0.02mm(SD)

C5191R-H T=0.20±0.02mm(WP&CD)

PLATING: UNDERPLATE: 50u" NI OVERALL

CONTACT AREA: G/F. Au

SOLDER TAILS AREA: 80u"~200u" MATTE SN

3. SHELL: C2680R-H T=0.20±0.02mm

PLATING: UNDERPLATE: NI OVERALL 30u" MIN.

ELECTRICAL CHARACTERISTIC:

1. OPERATION VOLTAGE: 100 VAC MAX.

2. CURRENT RATING: 1.0 A MAX.

3. CONTACT RESISTANCE: 100 mΩ MAX.

4. INSULATION RESISTANCE: 1000 MΩ MIN. (500V DC)

5. DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC/1MINUTE

6. MATING CYCLES: 10,000 INSERTIONS

ENVIRONMENT:

1. OPERATING TEMPERATURE RANGE: -20°C TO +60°C

SD CARD PIN DESIGN

PIN NO.	NAME	DESCRIPTION
1#	CD/DAT3	CARD DETECT/DATA I/O
2#	CMD	COMMAND
3#	VSS1	GROUND
4#	VDD	POWER
5#	CLK	CLOCK
6#	VSS2	GROUND
7#	DAT0	DATA I/O
8#	DAT1	DATA I/O
9#	DAT2	DATA I/O

11--WRITE PROTECT PIN

10--CARD DETECT PIN

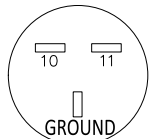
GROUND(SHELL)--COMMON PIN

RECOMMENDED PCB LAYOUT(TOP VIEW)

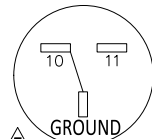
ALL TOLERANCE ±0.05

/// PAD AREA

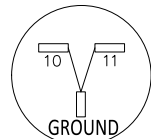
▨ ROUTE KEEP OUT AREA



WITHOUT CARD



CARD INSERTED
WRITE PROTCT: LOCK



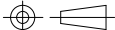
CARD INSERTED
WRITE PROTECT:UNLOCK

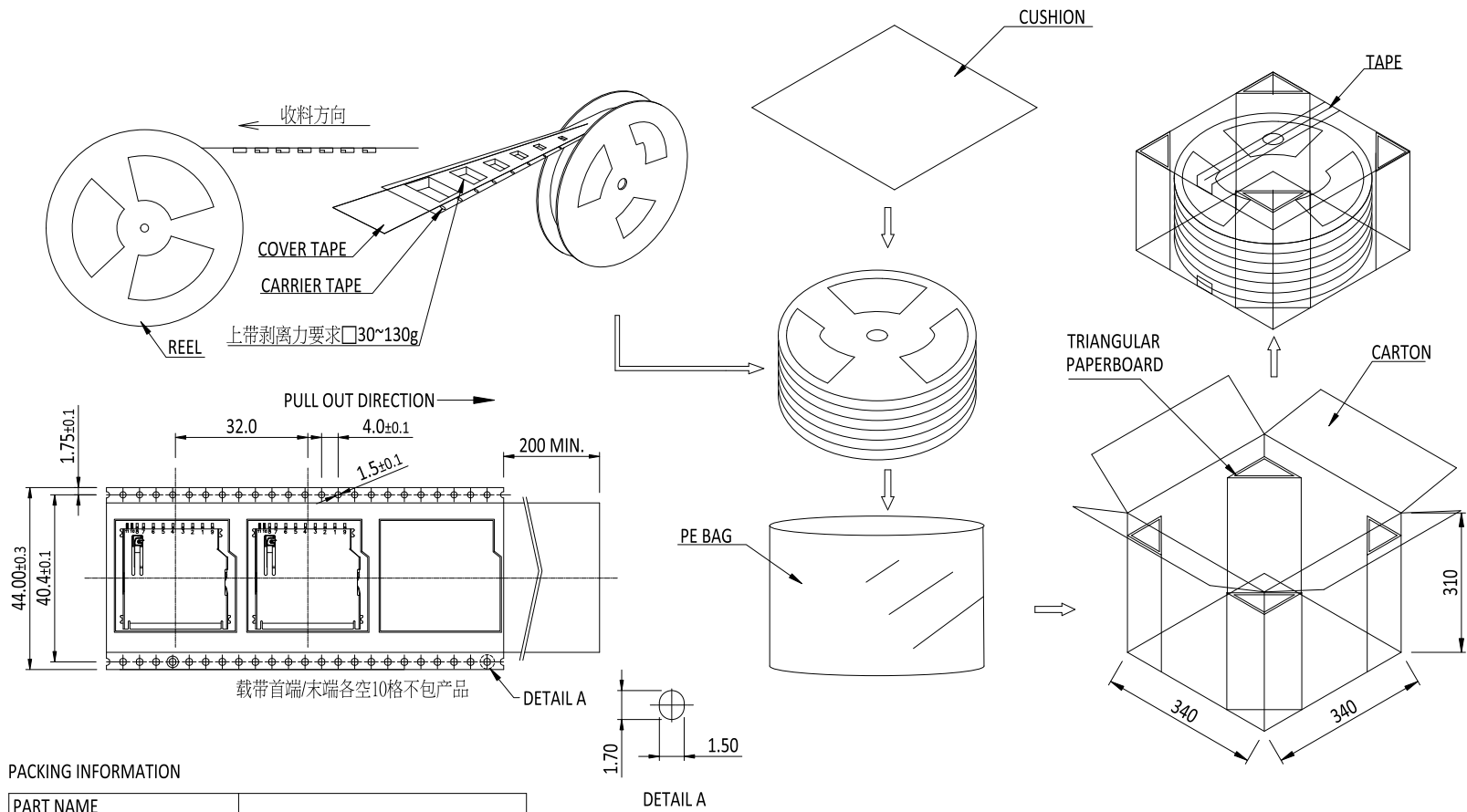
F3,E4,C1 G ECN-2406065(DONNA)修改端子尺寸 24JUN2024

B2 F ECN-2403096(JOLIN)NEW P/N 28MAR2024

ZONE E ECN-2207001(梁桂清)P11/GND CHANGE to P10/GND 01JUL2022

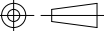
1 2 3 4 5 6 7 8 9 10

2					
1	57321020010	412D05F09PROF3	3u" AU/MATTE SN	REEL	
ITEM	NEW P/N	OLD P/N	CONTACT PLATING	PACKING OPTION	
UNLESS OTHERWISE SPECIFIED TOLERANCE X,±0.35 x,°±5° .X±0.30 .x,°±2.5° .XX±0.25 .xx°±1.5°		 SIP  Cmpk Cpk	 CHANT SINCERE CO.,LTD		
SCALE: 2:1		UNIT: mm			
DRAWN: XINGRU_LAI		25 Jun 2024	TITLE: SD+MMC(LONG TYPE)		
CHECKED: PEARL_HUNG		04 Jul 2024			
APPROVED: PEARL_HUNG		04 Jul 2024	PART NO. 57321020010		
	SIZE A4	SHEET 1/2	REV. G	CODE: J03	CUSTOMER:
7		8		9	10



PACKING INFORMATION

PART NAME	
QUANTITY OF PER TRAY	450PCS/REEL
QUANTITY OF PER CARTON	6x450=2700PCS/CARTON
WEIGHT OF PER TRAY	(450x0.0035kg)+0.50kg=2.075Kg/REEL
WEIGHT OF PER CARTON (NET WEIGHT)	6x2.075kg=12.45Kg
GROSS WEIGHT	12.45+1.23=13.68Kg
CARTON SIZE	340x340x310
FOR OCEAN AND AIR SHIPPING PRODUCTS COVER PAPERBOARD	

UNLESS OTHERWISE SPECIFIED TOLERANCE X.±0.50 x.°±3° .X±0.38 .XX±0.25		 SIP  Cmk Cpk		 CHANT SINCERE CO.,LTD	
SCALE: AS SHOWN		UNIT: mm			
DRAWN: XINGRU_LAI		25 Jun 2024		TITLE: SD+MMC(LONG TYPE)	
CHECKED: PEARL_HUNG		04 Jul 2024			
APPROVED: PEARL_HUNG		04 Jul 2024		PART NO. 57321020010	
	SIZE A4	SHEET 2/2	REV. G	CODE: J03	CUSTOMER:
7		8		9	
				10	

	G	ECN-2406065(DONNA)SEE PAGE 1/2	24JUN2024
	F	ECN-2403096(JOLIN)NEW P/N	28MAR2024
	E	ECN-2207001(梁桂清)P11/GND CHANGE to P10/GND	01JUL2022
ZONE	REVISION	DESCRIPTION	DATE
1	2	3	4
5	6	7	8
9	10		