



Solder Area
 Keep Out Area
 Component Outline
 RECOMMENDED P.C.B. LAYOUT (TOP VIEW)
 TOLERANCE UNSPECIFIED ±0.05mm

REV.	ECN NO	OR DESCRIPTION	REVISED	DATE
A		PRODUCT RELEASE	ZHARKO	2021.04.26

- NOTE:
- ELECTRICAL CHARACTERISTICS
 - VOLTAGE RATING: 5V MAX
 - CURRENT RATING: 0.5A MAX
 - CONTACT RESISTANCE: 100 milliohms MAX.
 - INSULATION RESISTANCE: 1000 Megohms MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE.
 - MECHANICAL CHARACTERISTICS
 - MATING FORCE: 30N MAX.
 - UNMATING FORCE: 2N MIN.
 - DURABILITY: 5000 CYCLES
 - SALT SPRAY: 24H
 - OPERATING TEMPERATURE: -40°C~85°C
 - RoHS 2011/65/EU COMPLIANT.
 - MPQ : 300PCS/REEL.

SD CARD PIN DEFINE:

PIN#	NAME	DESCRIPTION	PIN#	NAME	DESCRIPTION
1	VSS3	GROUND	11	VDD1	SUPPLY VOLTAGE
2	DATA2	DATA LINE BIT2	12	D1-	DIFFERENTIAL DATE 1-
3	DO+	DIFFERENTIAL DATE 0+	13	CLK	CLOCK
4	CD/DAT3	CARD DETECT/DATA LINE BIT3	14	D1+	DIFFERENTIAL DATE 1+
5	DO-	DIFFERENTIAL DATE 0-	15	VSS2	SUPPLY VOLTAGE GROUND
6	CMD	COMMAND/RESPONSE	16	VSS5	GROUND
7	CD	CARD DETECT	17	DAT0	DATA LINE BIT0
8	VSS1	SUPPLY VOLTAGE GROUND	18	DAT1	DATA LINE BIT1
9	VSS4	GROUND	19	WP	WRITE PROTECT
10	VDD2	SUPPLY VOLTAGE(1.8V)			

C	SHELL	1	SUS304 0.20t
B	CONTACT	19	CS210 0.15t
A	HOUSING	1	LCP U94-V0
NO	DESCRIPTION	QTY	MATERIAL

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2



TITLE: SD CARD 4.0版 SMT板 L3.10H
 常开型
 PART NO: 1081901A001
 DWN: ZHARKO 2021.04.26
 CHKD:
 APVD:
 SCALE 1:1
 SIZE: A4
 SHEET: 10F1
 REV: A