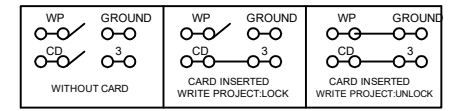


▨ Pad Area; ▩ Keep Out Area
PCB LAYOUT TOP VIEW
(TOLERANCE:±0.05)



NOTES:
1. MATERIAL:
1.1 BASE: LCP UL 94V-0, BLACK COLOR
1.2 CONTACT: COPPER ALLOY.
1.3 SHELL: STEEL.
1.4 SPRING: SWP.
2. FINISH:
CONTACTS: GOLD PLATED ON CONTACT AREA,
MATTE-TIN ON SOLDER TAIL,
NICKEL UNDERPLATED OVERALL.
SHELL: NICKEL PLATED.
3. SPECIFICATION
*ELECTRICAL CHARACTERISTICS:
CONTACT CURRENT RATING: 0.5 AMPERES.
DIELECTRIC WITHSTANDING VOLTAGE: AC500V R.M.S.
INSULATION RESISTANCE: 1000 MΩ MINIMUM.
CONTACT RESISTANCE: 100 mΩ MAXIMUM.
*ENVIRONMENTAL:
OPERATING TEMPERATURE: -25°C~+85°C.
*ENVIRONMENTAL:
MATING CYELES: 5,000 INSERTIONS.
*MECHANICAL CHARACTERISTICS:
CARD PUSH INSERTION/OUT FORCE: 0.5~4.0KGF.

SD CARD PIN DESIGN			
Pin#	Name	Type	Card Detect/ Data Line[Bit3]
1	CD/DAT3	I/O/PP	Command/Response
2	CMD	PP	Supply voltage
3	Vss1	S	Supply voltage ground
4	VDD	S	Supply voltage
5	CLK	I	Clock
6	Vss2	S	Supply voltage ground
7	DAT0	I/O/PP	Date Line [Bit0]
8	DAT1	I/O/PP	Date Line [Bit1]
9	DAT2	I/O/PP	Date Line [Bit2]

		new		2015/5/3		A		瀚源	
ECN BO.		DESCRIPTION.		DATE.		REV.			
DESIGNED	CHECKED	APPROVAL	DRAWING NUMBER			SCALT: 1/2		SCALE: 3:1	
Mikey	Tom	Jerry	PART NAME	SD-006		UNLESS OTHERWISE SPECIFIED,TOLERANCE:		X.	±0.25
			MODEL NAME	SD-006				X.x	±0.20
			3RD ANGLE PROJ	HanElectricity Co.,LTD				X.xx	±0.15
							FILE.NO.		