



P.C.B LAYOUT  
TOP VIEW ±0.05

**MATERIALS**  
 HOUSING: HI-TEMP. PLASTIC (UL 94V-0)  
 SHELL: STAINLESS STEEL, NICKEL PLATED  
 SOLDER PAD: COPPER ALLOY, TIN PLATING  
 TERMINAL: COPPER ALLOY, GOLD PLATED ON CONTACT AREA  
 TIN PLATING ON SOLDER TAIL

**SPECIFICATION**  
 CURRENT RATING: 0.5 AMP MAX  
 DIELECTRIC WITHSTANDING: 500V AC FOR ONE MINUTE  
 CONTACT RESISTANCE: 100m OHMS MAX  
 INSULATION RESISTANCE: 1000M OHMS MIN AT DC 500V  
 OPERATION TEMPERATURE: -40°C~+85°C

**PART NUMBER:**  
**MMCFL - 1 0 \* T - 1 2 1**  
 SERIES — NO. OF POS. — CONTACT PLATED OPTION — TAPE REEL PACKAGE — TIN PLATING ON SOLDER TAIL —

- CONTACT PLATED OPTION  
 1: GOLD FLASH  
 3: 3u" GOLD  
 5: 5u" GOLD  
 6: 10u" GOLD  
 7: 15u" GOLD  
 9: 30u" GOLD

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



**TOLERANCES**  
 X.±0.40 .XX±0.20  
 .X±0.30 .XXX±0.10

REV.	A	DRAWN BY	Zhong 2020/3/13	TITLE	SD CARD, PCB MOUNT, SMT, ALL PLASTIC, SHORT TYPE, FEMALE				
		APPROVED BY	Lion 2020/3/13	DRAW NO.	MMCFL-001	UNIT	MM	Sheet	1/1