



RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05

**Material:**  
**Housing:** High Temperature Thermoplastic, UL 94V-0, Black.  
**Contact:** Copper Alloy T=0.15. Plated Gold Flash on Contact Area.  
**Shell:** Stainless Steel T=0.20. Plated Gold Flash on Solder Tails.

**Electrical:**  
**Rated Current:** 0.5A  
**Rated Voltage:** 30V  
**Contact Resistance:** 50mΩ Max.  
**Insulation Resistance:** 100MΩ Min./100V DC  
**Dielectric Withstanding Voltage:** 100V AC  
**Solder ability:** 235°C ±5°C, 5±0.5s  
**Durability:** 5000 Cycles.  
**Operating Condition:** Temperature: -30°C TO +80°C  
**Humidity:** 80% R.H. Max.

G1	SWITCH
P1	DAT2
P2	CD/DAT3
P3	CMD
P4	VDD
P5	CLK
P6	VSS
P7	DAT0
P8	DAT1
PIN NUM	DESC

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	Description:
X. ±0.15	X. ±5°	UNITS		mm	Micro SD Card CONN; PUSH/ PULL, H1.5mm, SMD with CD Pin
.X ±0.03	.X ±3°	SHEET SIZE	A4		
.XX ±0.05	.XX ±2°	KLS P/N:			
Draw by:	Jenny	Date:	2018-03-10		NingBo KLS ELECTRONIC CO.,L TD.
Check by:		Date:	2018-03-10		
SCALE		SHEET	1 OF 1		