



RECOMMENDED PCB HOLE LAYOUT
COMPONENT SIDE VIEW (TOLERANCE: ±0.05)

Material:
 Housing: High Temperature Thermoplastic, UL 94 V-0, Black.
 Terminal: Copper Alloy.
 Shell: Stainless steel.
 Contact: Contact Area: Au G/F, Solder area: Matte tin
 80u" Min; Under plate Ni 30u" Min all over.
 CD Pin: Contact Area: Au G/F, Under plate Ni 30u" Min all over.

Electrical:
 Rated current: 1.0 A
 Rated Voltage: 30V
 Contact Resistance: 50mΩ Max.
 Insulation Resistance: 1000MΩ Min./500VDC
 Dielectric Withstanding Voltage: 500V AC
 Solder ability: 255°C ±5°C, 5±0.5s
 Durability: 10000 Cycles Min.
 Operating condition: Temperature -40°C TO +85°C
 Humidity 80% R.H. Max.

PIN NO	NAME	TYPE	DESCRIPTION
1	DAT2	I/O/PP	DATE LINE(BIT2)
2	CD/DAT3	I/O/PP	CARD DETECT DATE LIN(BIT3)
3	CMD	PP	COMMAND RESPONSE
4	VDD	S	SUPPLY VOLTAGE
5	CLX	I	CLOCK
6	VSS	S	SUPPLY VOLTAGE GROUND
7	DAT0	I/O/PP	DATE LINE(BIT0)
8	DAT1	I/O/PP	DATE LINE(BIT1)

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	
X	±0.15	X	±5°	UNITS	mm
.X	±0.03	.X	±3°	SHEET SIZE	A4
.XX	±0.05	.XX	±2°	KLS P/N:	
Draw by:	Jenny	Date:	2018-03-10		
Check by:		Date:	2018-03-10		
SCALE		SHEET	1	OF	1

Description:
Micro SD Card CONN; PUSH/ PUSH, MID MOUNT 1.0mm, DIP with CD Pin
L-KLS1-TF-003E-H1.85-R

KLS NingBo KLS ELECTRONIC CO., L TD.