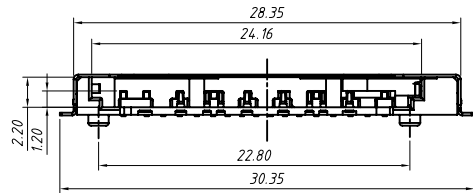


RECOMMENDED PCB LAYOUT
TOLERANCE UNLESS OTHERWISE IS ±0.05



PIN DEFINE:

| PIN# | NAME | DESCRIPTION | PIN# | NAME | DESCRIPTION |
|------|---------|----------------------------|------|------|-----------------------|
| 1 | VSS3 | GROUND | 11 | VDD1 | SUPPLY VOLTAGE |
| 2 | DAT2 | 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) | | | |

Material:

Insulator:LCP rated,UL94V-0, Black.

Contacts:Phosphor Bronze.Tin 80u" Min at Solder Tail,Selected Gold on Contact Area Plating.

Shell:Stainless,Gold at Solder Tail,Over Nickel Plating.

Electrical:

Operating Voltage:500V(AC/DC)

Current Rating:1.0A

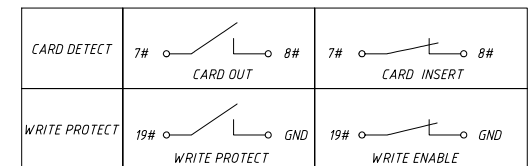
Operating Temperature:-20°C TO +60°C

Insulation Resistance:1000MΩ Min at 250VDC

Dielectric Withstanding Voltage:500VAC/1 Minute.

Contact Resistance:100mΩ Max.

Mating Cycles:10000 Cycles,spring is not breaking.



| GENERAL TOLERANCE | ANGLE TOLERANCE | PROJECTION | | |
|-------------------|------------------|---------------------------------|----------|------------------------------|
| X ±0.15 | X ±5° | UNITS | mm | SD 4.0 PUSH/PUSH CONN,H3.0mm |
| .X ±0.03 | .X ±3° | SHEET SIZE | A4 | |
| .XX ±0.05 | .XX ±2° | | KLS P/N: | L-KLS1-SD4.0-001-H3.0-R |
| Draw by: Jenny | Date: 2018-03-10 | | | |
| Check by: | Date: 2018-03-10 | | | |
| SCALE | SHEET 1 OF 1 | NingBo KLS ELECTRONIC CO.,L TD. | | |