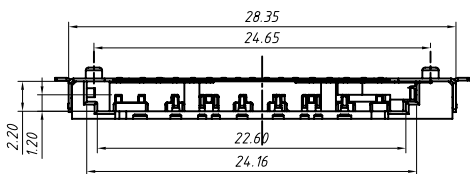


RECOMMENDED PCB LAYOUT
TOLERANCE UNLESS OTHERWISE IS ± 0.05

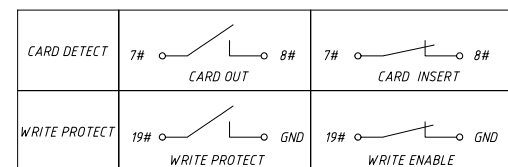


PIN DEFINE:

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)			

Notes:

- 1.All Dimensions are in millimeters.
- 2.Operating Voltage:10 VAC Max.
- 3.Current Rating:1 Amps Max.
- 4.Contact Resistance:100m Ω Max.
- 5.Insulation Resistance:1000M Ω Min at 500VDC
- 6.Dielectric Withstanding Voltage:500VAC/1 Minute.
- 7.Operating Temperature:-20°C TO +60°C
- 8.Storage Temperature:-40°C TO +70°C
- 9.Durability:10000 Cycles.



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