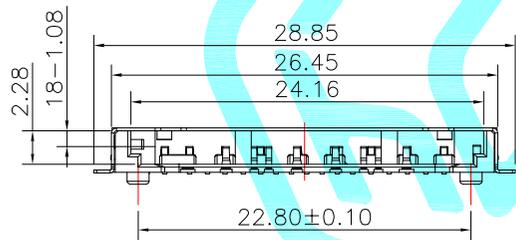


Recommended PCB Layout
Tolerance : ± 0.05

Pin#	Name	Description	Pin#	Name	Description
P01	VSS3	Supply Voltage Ground	P11	VDD1	Supply Voltage (3.3V)
P02	DAT2	Data Line [Bit 2]	P12	D1-	Deferential Data 1-
P03	D0+	Deferential Data 0+	P13	CLK	Clock
P04	CD/DAT3	Card Detect/Data Line [Bit 3]	P14	D1+	Deferential Data 1+
P05	D0-	Deferential Data 0-	P15	VSS2	Supply Voltage Ground
P06	CMD	Command/Response	P16	VSS5	Supply Voltage Ground
P07	CD	Card Detect	P17	DAT0	Data Line [Bit 0]
P08	VSS1	Supply Voltage Ground	P18	DAT1	Data Line [Bit 1]
P09	VSS4	Supply Voltage Ground	P19	WP	Write Protect
P10	VDD2	Supply Voltage (1.8V)			

Note:

1. Current Rating :0.5A.
2. Voltage Rating :DC 5V
3. Dielectric Withstanding Voltage:AC500V r.m.s.
4. Insulation Resistance:1000 Megohms
5. Contact Resistance:100 mΩ Maximum.
6. Mating Cycles:10,000 Cycles.
7. Operating Temperature:-25°C~+85°C.
8. Salty spray: 48H



Card Uninsertion	
Card Write Protect insertion	
Card Normal insertion	

③	Shell	—	1	SUS	Au/Ni Plated	—
②	Terminal	—	19	Phosphor Bronze	Au/Ni Plated	—
①	Housing	—	1	LCP	Black	—
ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK

APPROVALS			DATE		hro®	
DRAWN	LIUCAN		2023.10.19		TITLE:	SD
CHECKED					PART NO.	SD-06A
APPROVALS					UNIT: mm	SCALE: 1:1
TOLERANCES ARE		30~以上	±0.30	ANGLE	DRAWING NO.	PROJ:
		10~30	±0.25	±2'		
		5~10	±0.20			
		~ 5	±0.15			

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			