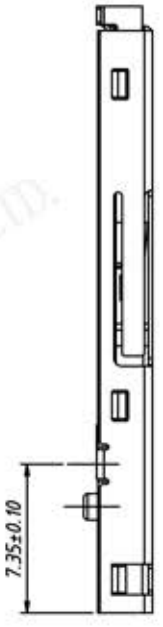
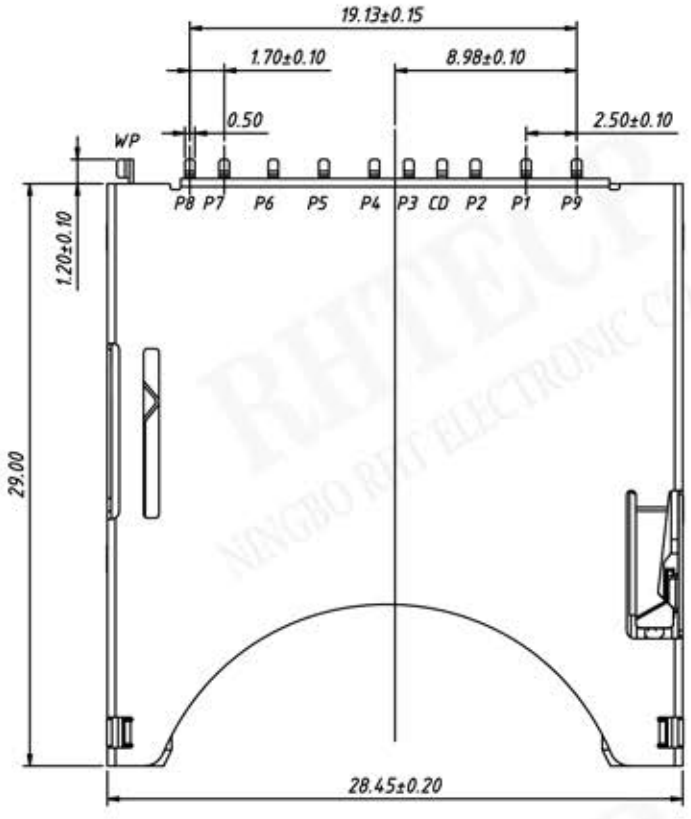
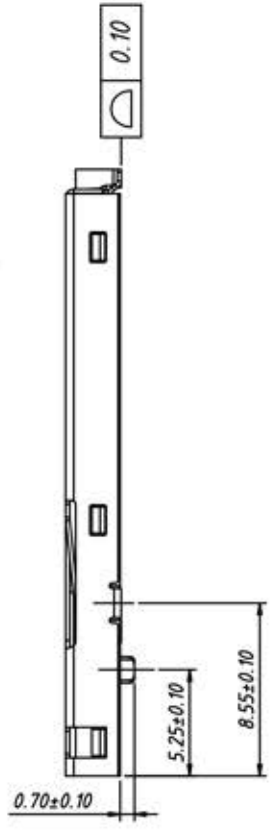
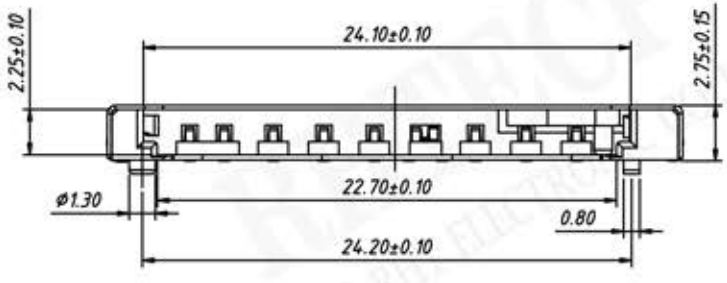
P/N: RE-C-SD-001 / RE-C-SD-101

PIN NO.		SD	MMC
P1	MMC-DAT;SD-DAT3	1 P	1 P
P2	MMC-CMD;SD-CMD	2 P	2 P
P3	MMC-VSS1;SD-VSS1	3 P	3 P
P4	MMC-VDD;SD-VDD	4 P	4 P
P5	MMC-CLK;SD-CLK	5 P	5 P
P6	MMC-VSS2;SD-VSS2	6 P	6 P
P7	MMC-ADT;SD-DAT0	7 P	7 P
P8	SD-DAT1	8 P	
P9	SD-DAT2	9 P	









Material:
Insulator:High Temperature Thermoplastic,UL94V-0.
Contact:Copper Alloys.Plated 50u" Ni Overall Plated Au Selective Contact Area,Plated 100u" Sn Over Ni On Solder Area.
Shell:Plated 50u" Ni Overall.

Electrical:
Voltage Rating:125V AC/DC
Current Rating:0.5mA AC/DC Max.
Ambient Temperature Range:-20°C ~+60°C
Storage Temperature Range:-40°C ~+70°C
Ambient Humidity Range:95% R.H. Max.
Contact Resistance:100mΩ Max.
Insulation Resistance:1000MΩ Min./500V DC
Mating Cycles:10000 Insertions.

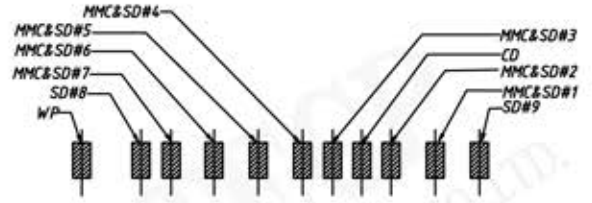
RHTECP® NINGBO RHT ELECTRONIC CO.,LTD

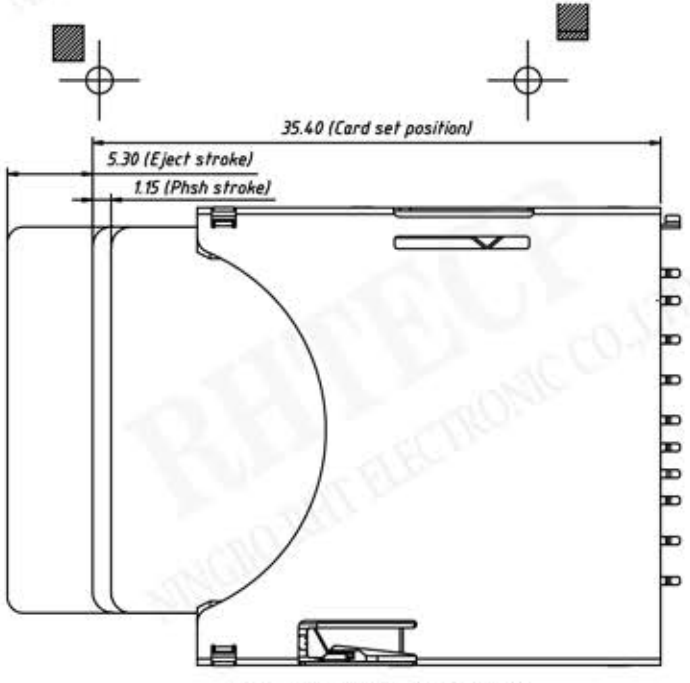
UNITS:mm	SHEET SIZE:A4	SCALE: ---	First angle projection
> 0 ~ 3	> 3 ~ 18	> 18 ~ 50	> 50 ~ 120
± 0.12	± 0.15	± 0.3	± 0.5

CONNECTOR

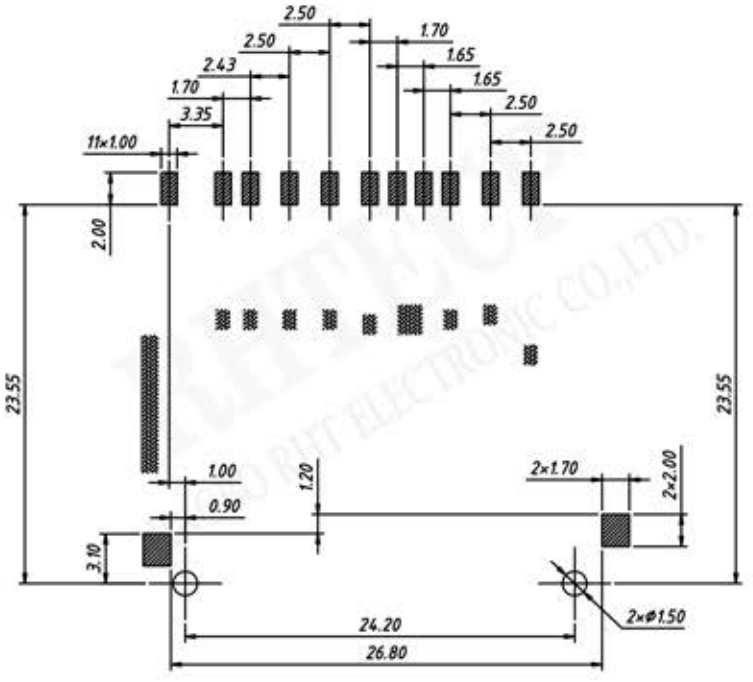
P/N: RE-C-SD-001 / RE-C-SD-101

PIN ASSIGNMENT:



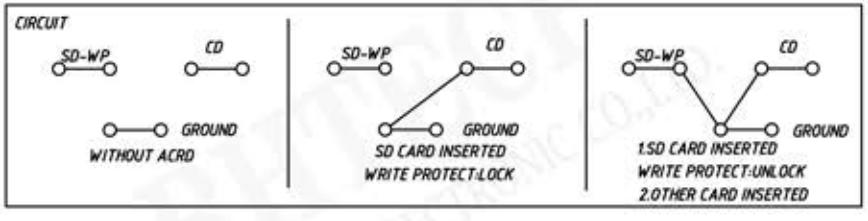


View of inserted card



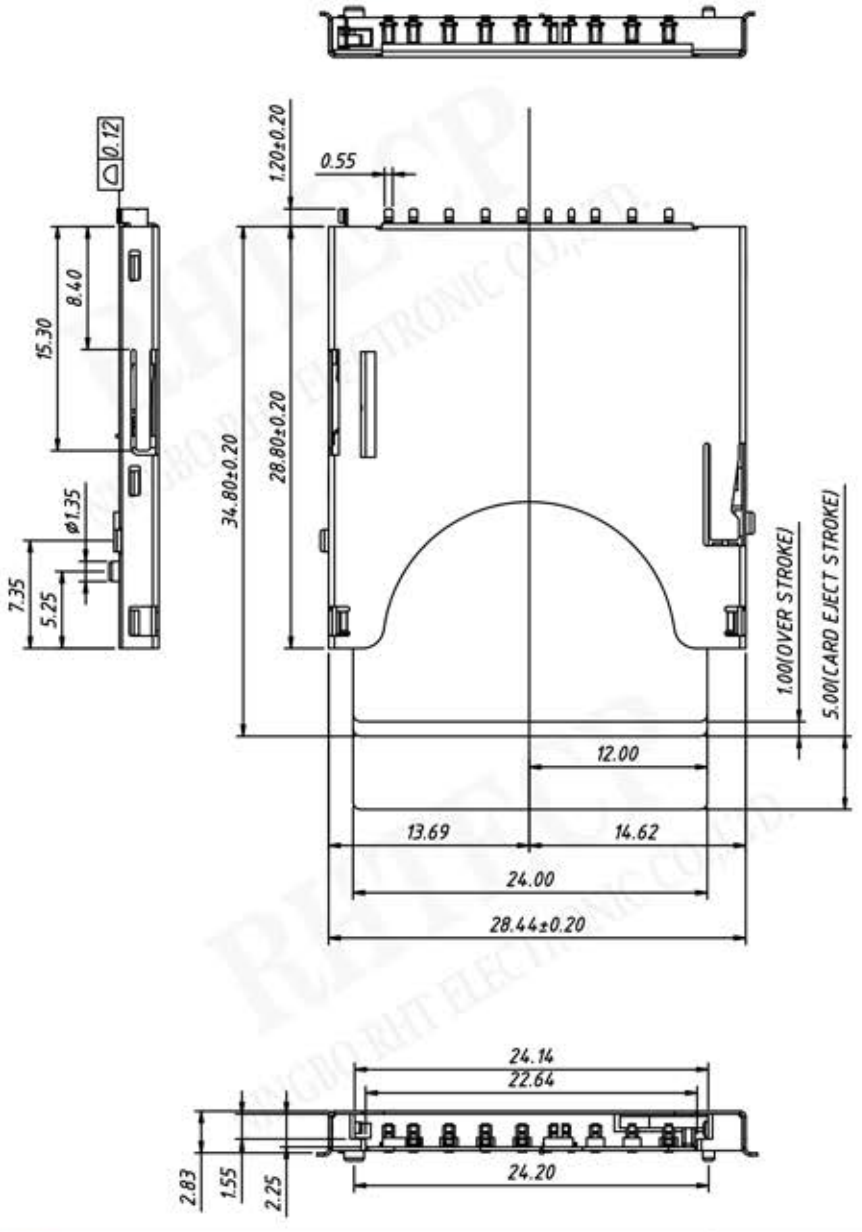
Welding area

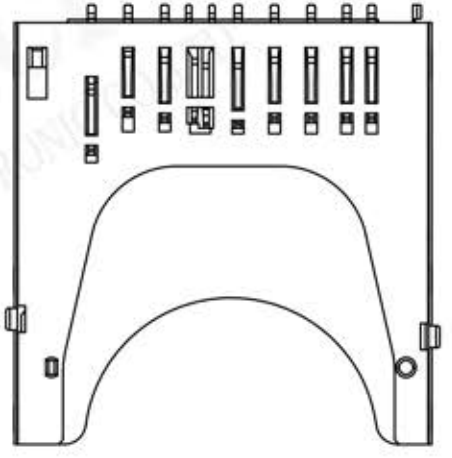
Prohibited layout area



RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE:A4	SCALE: ---	First angle projection
	> 0 ~ 3	> 3 ~ 18	> 18 ~ 50	> 50 ~ 120
	± 0.12	± 0.15	± 0.3	± 0.5
				CONNECTOR

P/N: RE-C-SD-001 / RE-C-SD-101



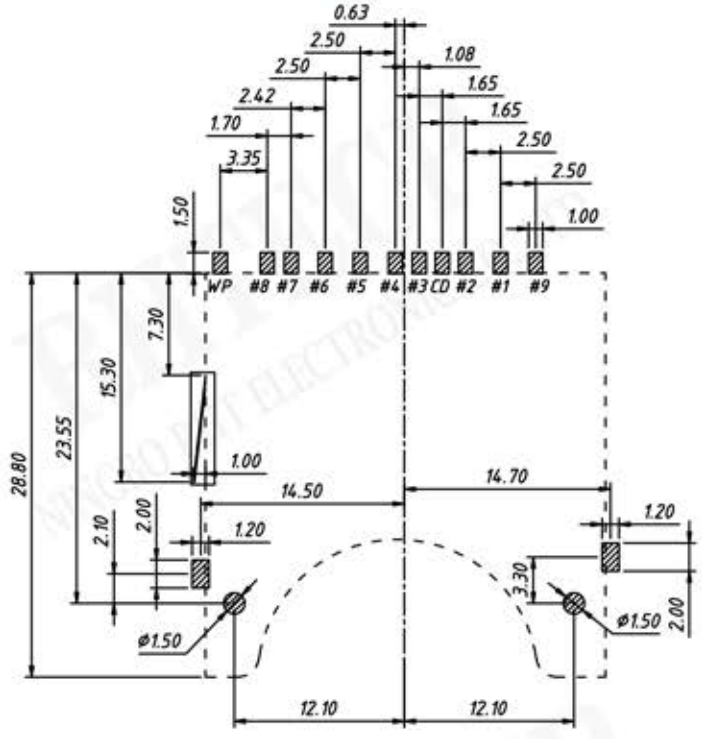


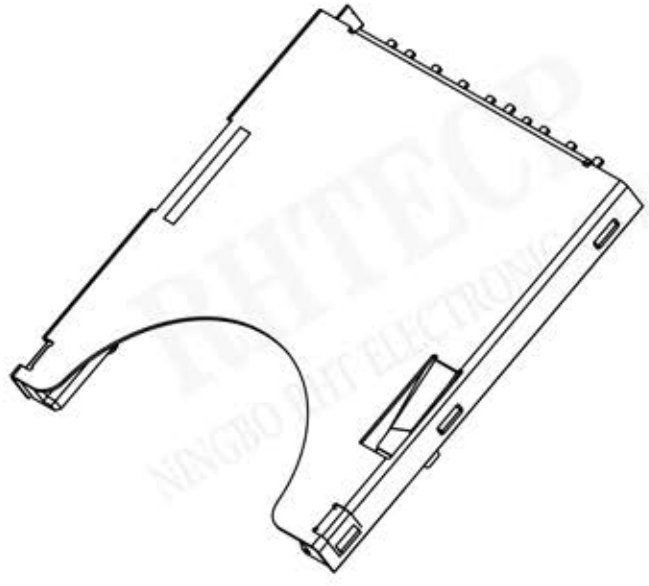
Material:
Housing:High Temperature Plastic,UL94V-0.Black.
Contact:Copper Alloys.
Shell:Stainless.

Plating:
Contact area:Gold Flash.
Solder area:Matte Tin Plated.
Under Plate:Nickel.
Shell:Nickel Plated Over All.
Solder area:Gold Flash.

RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE:A4	SCALE: ---	First angle projection
	> 0 ~ 3	> 3 ~ 18	> 18 ~ 50	> 50 ~ 120
	± 0.12	± 0.15	± 0.3	± 0.5
				CONNECTOR

P/N: RE-C-SD-001 / RE-C-SD-101



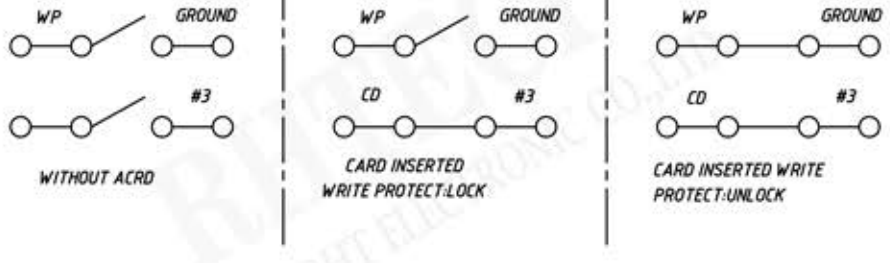


PCB LAYOUT

SD CARD PIN DESIGN

PIN NO	NAME	TYPE	DESCRIPTION
#1	CD/DAT3	I/O/PP	CARD EDTECT DATE LIN(BIT3)
#2	CMD	PP	COMMAND RESPONSE
#3	VSS1	S	SUPPLY VOLTAGE GROUND
#4	VDD	S	SUPPLY VOLTAGE
#5	CLK	I	CLOCK
#6	VSS2	S	SUPPLY VOLTAGE GROUND
#7	DAT0	I/O/PP	DATE LINE(BIT0)
#8	DAT1	I/O/PP	DATE LINE(BIT1)
#9	DAT2	I/O/PP	DATE LINE(BIT2)

CIRCUIT



RHTECP® NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE:A4	SCALE: ---	First angle projection
> 0 ~ 3	> 3 ~ 18	> 18 ~ 50	> 50 ~ 120
± 0.12	± 0.15	± 0.3	± 0.5

CONNECTOR