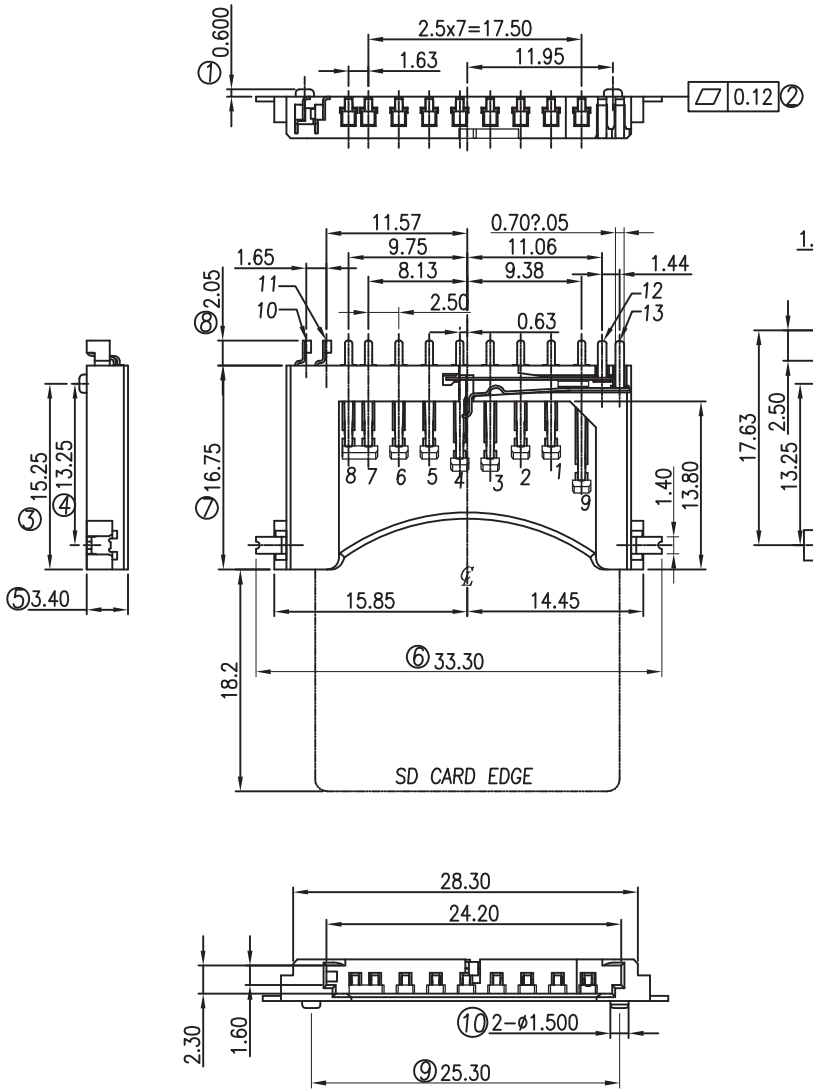
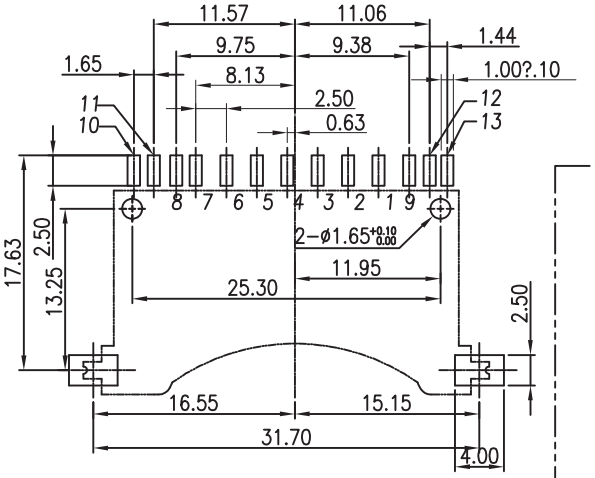
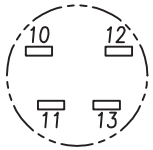
ROHS

ITEM	PART NAME	MATERIAL	NUM	COLOR	FINISHING	REMARK

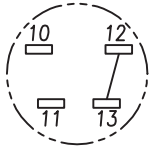




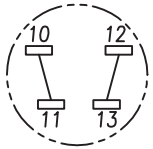
P.C.B Layout



WITHOUT CARD



CARD INSERTED
WRITE PROTWCT:LOCK



CARD INSERTED
WRITE PROTECT:UNLOCK

10--WRITE PROTECT PIN 1
11--WRITE PROTECT PIN 2
12--CARD DETECT PIN 1
13--CARD DETECT PIN 2

SD CARD PIN DESIGN

Pin No.	Name	Description
1#	CD/DAT3	Card detect/Data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

NOTES:
1.MATERIAL
HOUSING: HIGH TEMPERATURE THERMOPLASTIC.
CONTACT: COPPER ALLOY.
SHELL: COPPER ALLOY.
2.PLATING
CONTACT AREA: GOLD PLATED OVER Ni.
SOLDER TAIL: 100 u" MIN Sn PLATED OVER Ni.
SPEC SEE ORDERING INFORMATION
SHELL SOLDER AREA: GOLD PLATED OVER Ni.
3.RATING
CURRENT RATING: 0.5A
VOLTAGE RATING: 250VRM
OPERATING TEMPERATURE:-25℃~90℃
4.SPECIFICATION
CONTACT RESISTANCE: 100mΩMax
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC
INSULATION RESISTANCE: 100MΩMin
INSERTION FORCE: 40N MAX.
SEPARATION FORCE: 2N MIN.

P/N # SD13P

REV.	REVISIONNOTE	DATE	TOLERANCE	
A	新发行		X. ±0.38	X.° ±4°
			X.X ±0.25	X.X° ±2°
			X.XX ±0.20	
			X.XXX ±0.15	
DRAWN	Wesker		PROJECTION	
DES'D				
CHK'D				
APPV'D			SCALE: 1:1	

Wellco T&C Co., Ltd.

ARTICLE: SD板上，全塑短臂13PIN

MODEL

REV: A

UNIT: mm

SHEET: