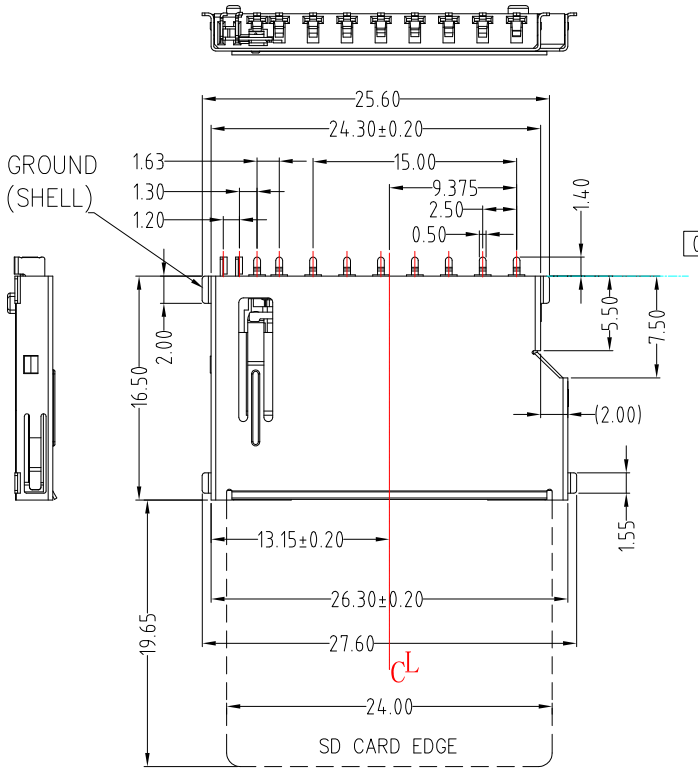
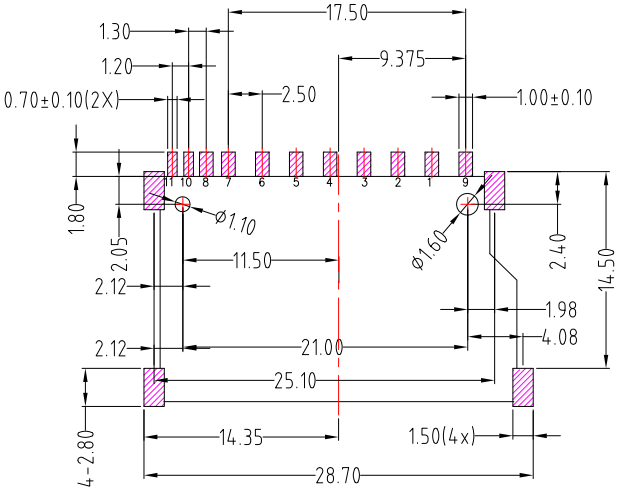
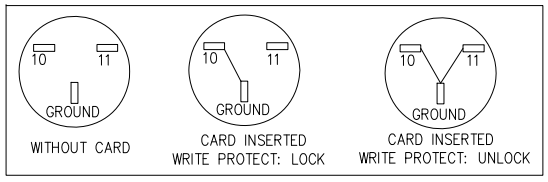




RECOMMENDED P.C.B LAYOUT



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
10#	CD	Card Detect pin
11#	WP	Write Protect pin

1.MATERIAL:
- 1.1 HOUSING: LCP
- 1.2 CONTACT: PHOSPHOR BRONZE
- 1.3 COVER: BRASS

2.PLATING:
- 2.1 CONTACT: PLATED GOLD IN MATING AREA ;
  TIN PLATED ON SOLDER BALLS ;
  NICKEL UNDER PLATED OVERALL
- 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER

3.ELCTRICAL & MECHANICAL PARAMETER
- 3.1 RATING: 250V , 0.5A
- 3.2 CONTACT RESISTANCE: 100mΩ MAX
- 3.3 INSULATION RESISTANCE: 1000MΩ MIN
- 3.4 WITHSTANDING STRENGTH: 500V AC
- 3.5 INSERTION FORCE: 10N MAX
- 3.6 SEPARATION FORCE: 2N MIN
- 3.7 OPERATING TEMPERATURE: -25°C ~ 90°C

ITEM NO.	DESCRIPTION	DRAWN	DATE
1	更新料號	Jack	060923

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD. ANGEL'S | UNITS MM

DRAWN BY: Jack Lu	DATE 06/09/23	MAT'L	
CHECKED BY: Jacky Chen	DATE 06/09/23	FINISH	
APPROVED BY: Tony Kao	DATE 06/09/23	SCALE 1 : 1	SHEET NO. 1 of 3

TITLE	CONNECTOR		
MODLE	SD 短體卡座 H3.09mm		
DWG NO.	SD-TF125001-HF-S267	SIZE	A4
PART NO.	SD-TF125001-HF-S267	VER	R1