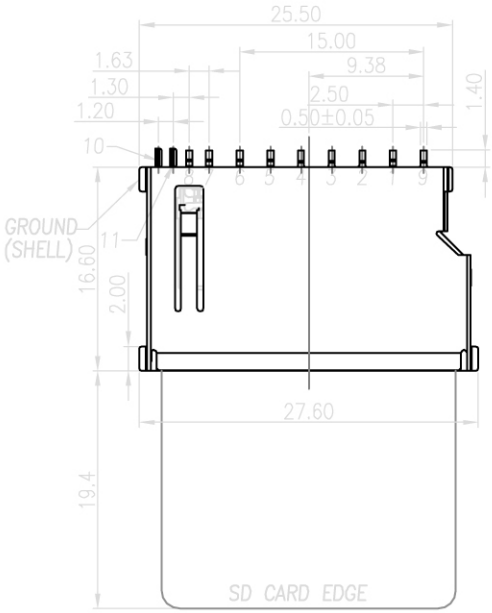
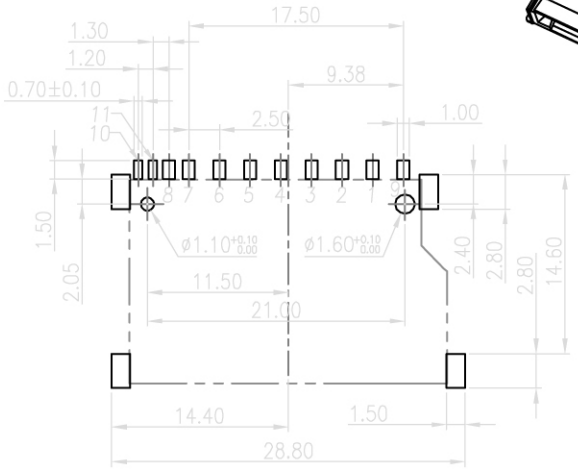
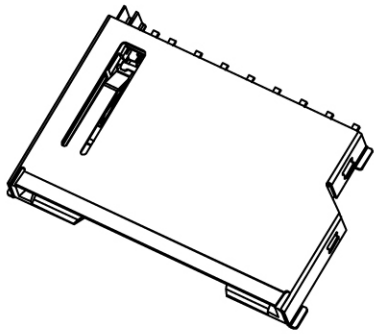


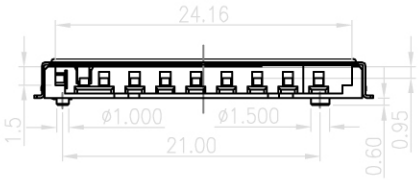



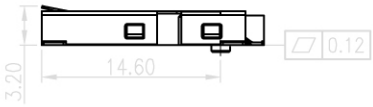

P.C.B Layout



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 |




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/Pb PLATED OVER Ni.
SHELL SOLDER AREA: GOLD PLATED OVER Ni.
3.RATING
CURRENT RATING: 0.5A
VOLTAGE RATING: 250VRMS
OPERATING TEMPERATURE:—25°C~90°C
4.SPECIFICATION
CONTACT RESISTANCE: 40 MilliOHMS
DIELECTRIC WITHSTANDING VOLTAGE: 500VAC MegOHMS
INSULATION RESISTANCE: 100 MegOHMS
INSERTION FORCE: 40N MAX.
SEPARATION FORCE: 2N MIN.




WITHOUT CARD




CARD INSERTED
WRITE PROTWCT:LOCK




CARD INSERTED
WRITE PROTECT:UNLOCK

10--WRITE PROTECT PIN
11--CARD DETECT PIN
GROUND(SHELL)--COMMON PIN

| | | | |
|---|---|---|---|
| 深圳市威鑫联电子有限公司 | | | |
| TITLE: TITLE SECURE DIGITAL MEMORY CARD CONNECTOR<br>TITLE SHORT TYPE 揚角 | | | |
| SIZE: A4 | UNIT: mm | PART NO. NO | |
| SCALE: SCALE | | PROJECTION | REV.:REV |
| DWG . PATH | PATH | | SHEET:SHEET |

PDF created with pdfFactory Pro trial version www.pdffactory.com