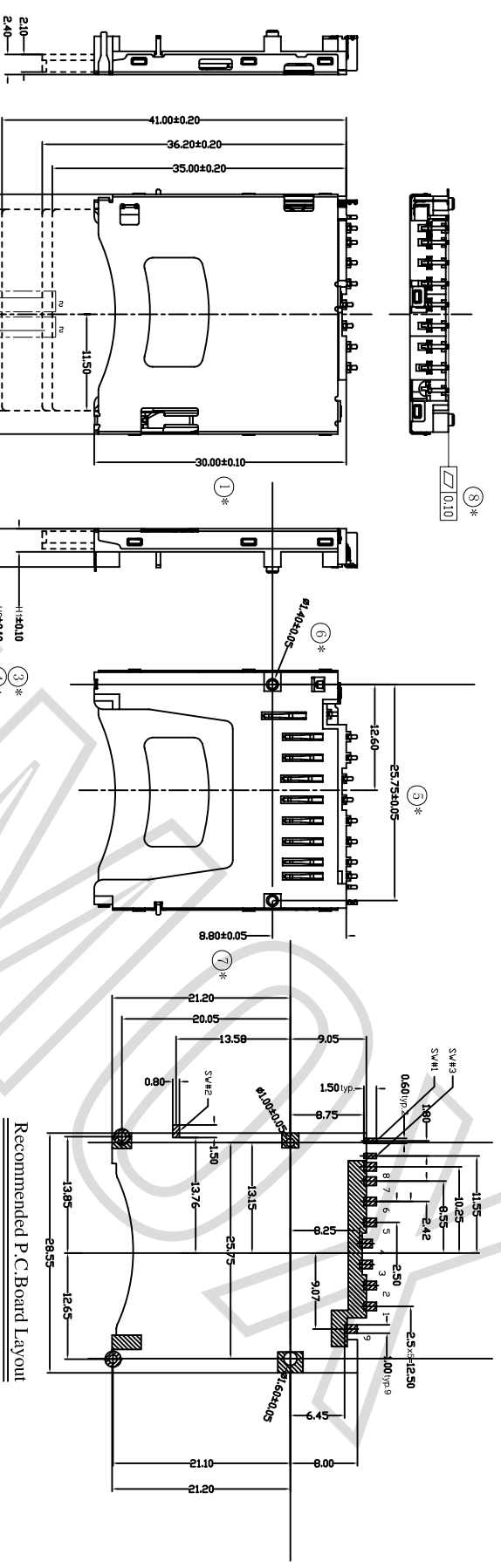
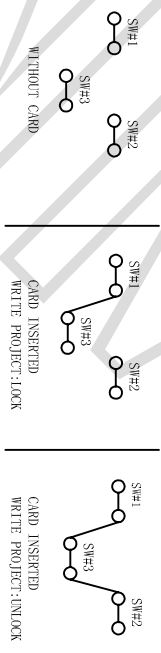


| | | | | |
|--------------|---------------|------|------|-------|
| REVNO A/0 | REVISION NOTE | DATE | DRAW | CHECK |
|--------------|---------------|------|------|-------|



Recommended P.C.Board Layout



| PART_NUMBER | STANDOFF | 'H1' | 'H2' |
|-------------|----------|--------|--------|
| SD-10A-A-A0 | 0.0mm | 2.80mm | |
| SD-10B-A-A0 | 1.8mm | | 4.60mm |

| Pin# | Name | Type | Description |
|------|-----------------|--------|-----------------------------------|
| 1 | CD/DAT3 | I/O/PP | Card Detect/ Data Line [Bit 3] |
| 2 | CMD | PP | Command/Response |
| 3 | VSS1 | S | Supply voltage ground |
| 4 | V _{DD} | S | Supply voltage |
| 5 | CLK | I | Clock |
| 6 | VSS2 | S | Supply voltage ground |
| 7 | DAT0 | I/O/PP | Data Line [Bit 0] |
| 8 | DAT1 | I/O/PP | Data Line [Bit 1] |
| 9 | DAT2 | I/O/PP | Data Line [Bit 2] |

Electrical
Voltage: 1.00V AC(RMS)/DC
Current: 0.5 A AC(RMS)/DC
Contact Resistance: 80m Ω max
Insulation Resistance: 1000M Ω min
Dielectric Withstanding Voltage: 1000V AC/RMS
Operating Temp: -25°C ~ +90°C

Materials
Housing: High temperature Plastic UL 94V-0
Terminal: Copper Alloy

| DIMENSION | UNIT | MM | PRDD | SPEC. |
|--------------------------------------|------|-----------|------|-------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | | PKG. | SPEC. |
| X±0.10 | | X*±1* | APR. | |
| XX±0.05 | | X*±0.5* | CHK. | |
| XXX±0.03 | | .XX*±0.3* | DRA. | |

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金美電子有限公司

TITLE: SD CONNECTOR (M2M)

PRD.

| | |
|-------------|------------|
| PART_NUMBER | REV: A/0 |
| FILE NO. | SCALE: 1:1 |
| SHEET 1/1 | |