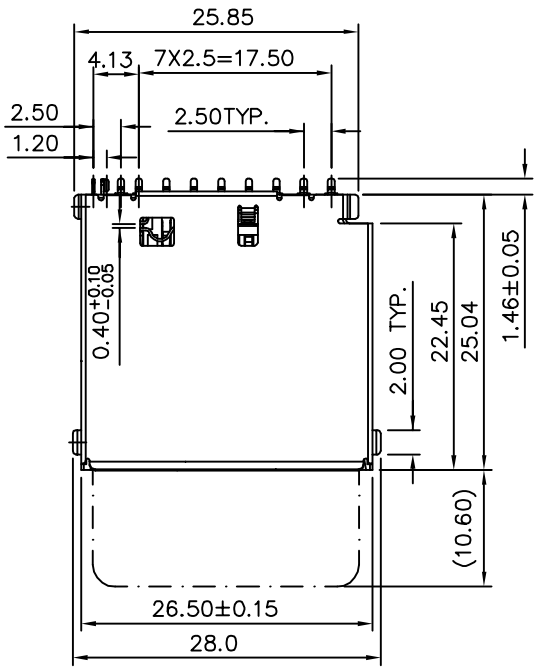
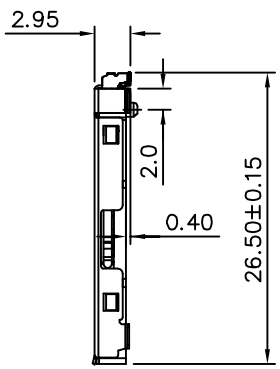
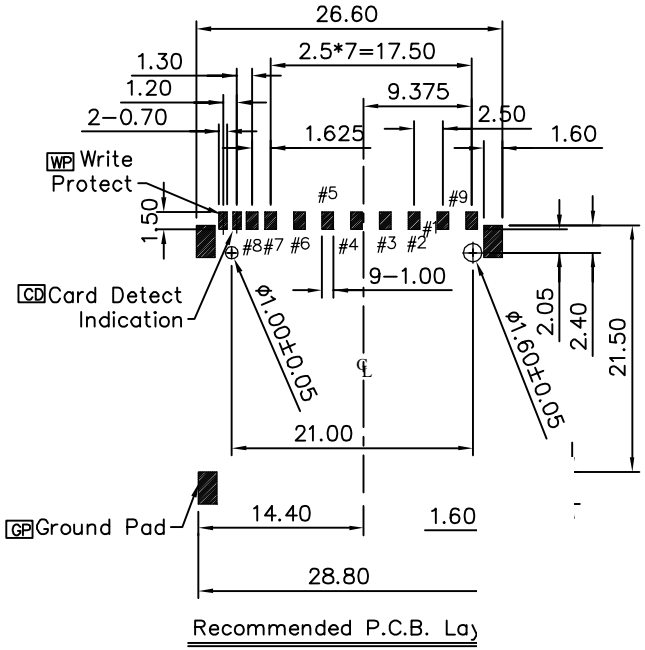
File No. 467-20071211A SHEET 1 /1

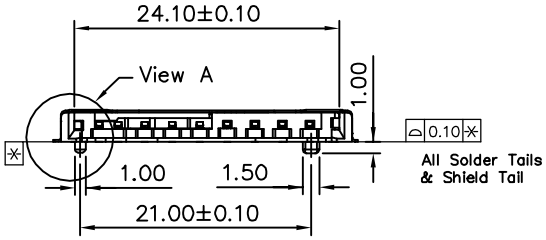


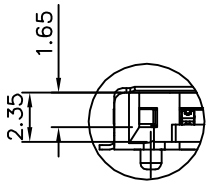




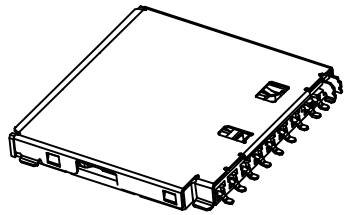
SPECIFICATION

1. **General Characteristics:**
   - SD Card Connector 09P SMT 90°
   - With Write/With Card Detect Gold Flash Type2
2. **Material&Finish:**
   - Contact: Phosphor Bronze
   - Finish: Gold Plated Over Nickel On Contact Area, Tin On Soldering Zone Over Nickel Underplated
   - Housing: Engineering Plastic,LCP With 30% Glass-Fiber Filled,UL 94V-0 Rated
   - Hold-Down: Copper Alloy With Tin Over Nickel Underplated Overall
   - Shield Cover: Stainless Steel Sheet Metal With Gold Flash Over Nickel On Soldering Zone
3. **Electrical Characteristics:**
   - Current Rating: 0.5 Amp DC Max. Per Contact
   - Operating Voltage: 100V AC
   - Contact Resistance: 80 Milliohms Max.
   - Insulation Resistance: 1000 Megohms Min.
   - Dielectric Withstanding Voltage: 500V RMS AC For 1 Min.
4. **MECHANICAL PERFORMANCE**
   - Durability Cycles: 10000 Cycles Min.(Office Environment)
   - Total Insertion Force: 1.02kgf Max.
   - Total Withdrawal Force: 0.2kgf Min.
   - Contact Retention Force: 0.5kgf Min. For Detect Switch And 1.0 Min. Others
5. **Environmental Characteristcs:**
   - Operating Temperature: -25°C To +65°C
   - Storage Temperature: -40°C To +85°C
   - Humidity: 95% R.H. Max.,Non Condensation
   - Resistance To Soldering Heat: 245°C,35 Sec. Max.
   - ESD Protection: Available
6. **RoHS Compliant**





View A



Without Card	Card Inserted	Card Inserted
	Write Protect Status	Write Enable Status
WP CD GP	WP CD GP	WP CD GP

4UCON 元化興業股份有限公司 4UCON TECHNOLOGY INC.

DRAWING No.	APPROVED BY	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
06132	MEI	X. ±0.30
	CHECKED BY INGRID	.X ±0.10
	DRAWING BY HZF	.XX ±0.05
		ANG. ±5°
SCALE NONE	REV. A0	UNIT mm

NO.	REV.	REVISIONS	CHK	DATE
0	A0	NEW RELEASE	INGRID	12/11/2007