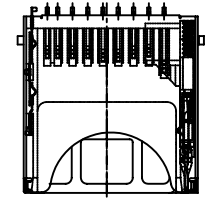


SD Protective Card



Insertion Protect Card state

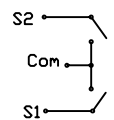
Notes: Let protective card be inserted while soldering process.

Reference PCB Layout
(TOLERANCES : .xx ±0.05)

SPECIFICATION

- General Characteristics :
 - SD Memory Card Connector
 - Push-push Normal Type
 - Card Detect Enable, Write Protect Enable
 - Durability: 10000 Cycles Min.
 - Card Insertion Force: 1.40Kgf Max.
 - Card Withdraw Force: 0.15Kgf Min.
 - Stand Off= 0 MM
- Material&Finish:
 - Housing: High Temperature Thermoplastic Glass
Fibre Filled, UL94 V-0
 - Contact: Phosphor Bronze
Finish: Gold Plated Over Nickel on contact area.
Tin Plate Over Nickel On Solder Tails
 - Shell: Stainless Steel
- Electrical Characteristics:
 - Voltage Rating: 100V
 - Current Rating: 0.5A
 - Insulator Resistance: 1000M Ohms Min.
 - Contact Resistance: 80 Milli-Ohms Max.
 - Dielectric Withstanding Voltage: AC 500V
- Solderability
 - Wave : not applicable
 - Vapor phase : 215°C, 30 sec. max.
 - IR reflow : 230°C, 15 sec. max.
 - Manual soldering : 360°, 3sec. max.
- Environmenta Characteristics:
 - Operation Temperature: -20°C~+85°C.
 - Operating Humidity:10%~95% RH
 - Storage temperature : -20°C to +85°C
 - Storage Humidity:10%~95% RH

Switches Circuit Schematic



Switch Position	Switches Effect	
	S1 (Write Protect)	S2 (Card Detect)
Open	Lock	Card Insertion
Close	Unlock	Card Insertion

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

DRAWING No. 14446
APPROVED BY MEI
CHECKED BY LHC
DRAWING BY TONY 07/26/2005

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
.X ±0.38
.XX ±0.25
ANG.

SCALE NONE REV. A0 UNIT mm

NO.REV. A0 NEW RELEASE TONY 07/26/2005
REVISIONS CHK DATE