

Circuit Diagram for Detect Switch

|               |  |  |
|---------------|--|--|
| CARD OUT      |  |  |
| CARD LOCK     |  |  |
| CARD PUSH END |  |  |

NOTES:

1.MATERIAL:

INSULATOR:HIGH TEMPRATURE THRMOPLASTIC.

UL94V-0,BLACK

CONTACT:PHOSPHOR BRONZE.

COVER:STAINLESS STEEL.

2.PLATING:

CONTACT AREA :5μ" Au PLATED /20μ" Au PLATED OVER Ni

SOLDER AREA:5μ" Au PLATED OVER Ni

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X.± 0.50

CHECKED BY GENIUS

.X± 0.30

UNIT / mm

SCALE 1 : 1

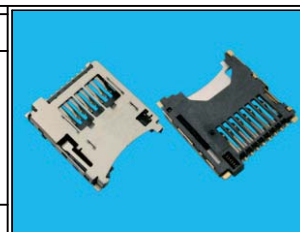
.XXX ±

ANG ±

DATE

SIZE A4

PPOJECTION



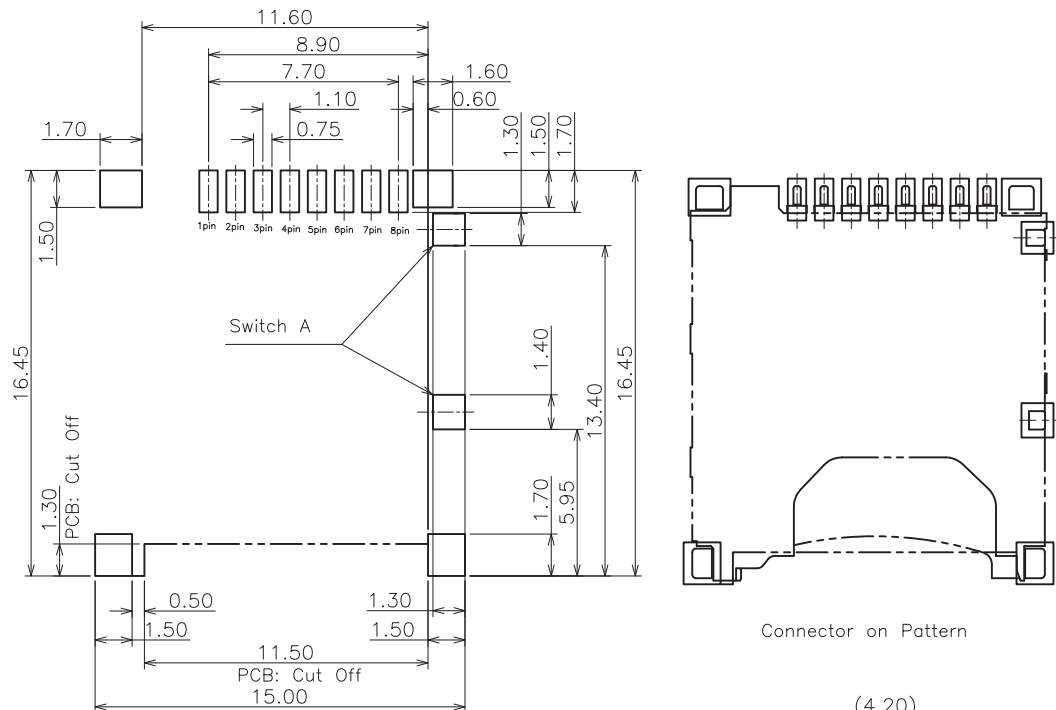
ORDER INFORMATION

TFC-WPAE13-08-LF  
SERIES | LEADFREE  
08WAY  
90°SMT | EAR 13.9mm  
UPPER CONTACT  
PUSH PUSH

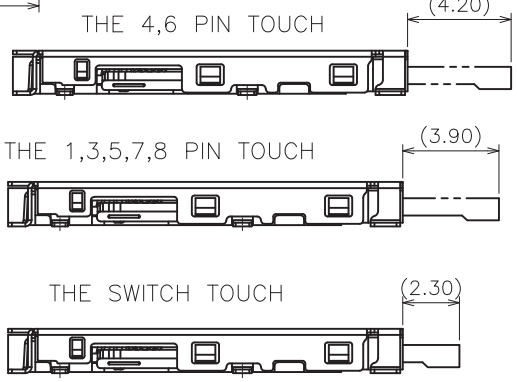
DESCRIPTION: MicroSD Memory Card Socket Reverse Type

煜倫股份有限公司

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Recommended PCB Pattern Layout  
General Tolerance: ±0.05



- Note:
1. Material: See Table
  2. Finishes: See Table
    - 2-1 Contact: Nickel Underplated  
3u" Gold Plating on Contact Area, Gold Flash on Solder Tail
    - 2-2 Switch & Detect: Nickel Underplated  
5u" Gold Plating on Contact Area
    - 2-3 Shell: Gold Flash Over Nickel Underplated on Solder Pad
  3. Coplanarity of Solder tails : 0.10MAX.  
Misalignment of Solder Tail From "Z"  
Upper Direction 0.05 MAX. , Lower Direction 0.1 MAX.
  4. Mechanical Specification:  
Repeated 10000 Times Mating and Unmating Cycles and Still Meet Electrical Characteristics
  5. Electrical Specification:
    - 5-1 Rated Current (Per Contact): 0.5Amps MAX and Temperature Rise Should be 30°C MAX.
    - 5-2 Insulation Resistance(LR):1000 Megohms MIN.
    - 5-3 Dielectric With Standing Voltage: 500VAC
    - 5-4 Contact Resistance : 100 Milliohms MAX.
  6. "▼" sign, for the QC testing and focus IPQC

|    |             |                  |                 |       |                      |
|----|-------------|------------------|-----------------|-------|----------------------|
| 9  | Coil Spring | J5F319KVSX360005 | Stainless Steel |       | Ni over all          |
| 8  | Slider      | J8F301K08BKS     | Polyamide 9T    | White |                      |
| 7  | Lock Spring | J5F318KTSWXX0003 | Stainless Steel |       |                      |
| 6  | Crank-Axle  | J5F320KTSW000004 | Stainless Steel |       |                      |
| 5  | Shell       | J5F317KT00XXX001 | Stainless Steel |       | Selective-Au over Ni |
| 4  | Switch      | J5F318KQSWXX002  | PHOS.-Bronze    |       | Selective-Au over Ni |
| 3  | Detect      | J5F318KQSWXX001  | PHOS.-Bronze    |       | Selective-Au over Ni |
| 2  | Contact     | J4F301K1XXX0001  | PHOS.-Bronze    |       | Selective-Au over Ni |
| 1  | Housing     | J8F301KXBKXX     | PA9T & LCP      | Black |                      |
| NO | PART NAME   | PART NO.         | MATERIALS       | COLOR | FINISHS              |

RoHS Compliant

TOLERANCES ARE



DRAWING BY CY

CHECKED BY GENIUS

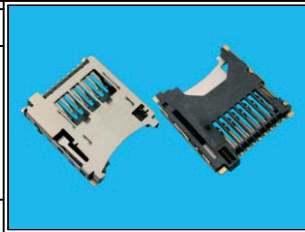
UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X ± 0.50  
X ± 0.30  
.XX ± 0.20  
.XXX ±  
ANG ±

PJECTION



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