

Recommended ID Dimension

|                     | Card Detect Switch |
|---------------------|--------------------|
| Card Uninsertion    | Open               |
| Card Half Insertion | Open               |
| Card Insertion      | Close              |
| Open                | Close              |

Note:

1. Material:

1-1. Plastic: LCP, Black, UL94V-0

1-2. Contact: Copper Alloy

1-3. Shell: Stainless Steel

2. Plating:

2-1. Contact:

Contact Area: Au 3u" min. Plating Over Ni 50u" min.

Solder tail: Matted TIN 80u" min. Over Ni 50u" min.

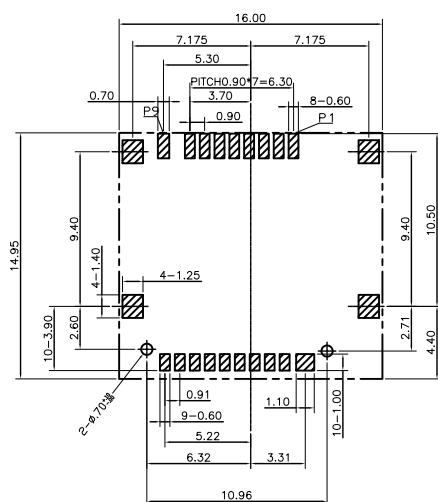
2-2. Shell:

Solderability Ni 50u" min. Over All

3. Contact And Tail Coplanarity To Be 0.10mm max.

PIN ASSIGNMENT TABLE

| Pin No. | SD MODE     | UHS-II MODE | Express MODE   |
|---------|-------------|-------------|----------------|
| P1      | DAT2        | DAT2        | DAT2/CLKREQ#   |
| P2      | CD/DAT3     | CD/DAT3     | CD/DAT3/PERST# |
| P3      | CMD         | CMD         | CMD            |
| P4      | VDD         | VDD1        | VDD1           |
| P5      | CLK         | CLK         | CLK            |
| P6      | VSS         | VSS         | VSS            |
| P7      | CARD DETECT | CARD DETECT | CARD DETECT    |
| P8      | DAT0        | DAT0/RCLK+  | DAT0/REFCLK+   |
| P9      | DAT1        | DAT1/RCLK-  | DAT1/REFCLK-   |
| P10     | GND         | GND         | GND            |
| P11     | GND         | GND         | GND            |
| P12     | GND         | GND         | GND            |
| P13     | GND         | GND         | GND            |
| P14     |             | GND         | GND            |
| P15     |             | VDD2        | VDD2           |
| P16     |             | SWIO        | VDD3           |
| P17     |             | VSS         | VSS            |
| P18     |             | D0+         | PCle Tx+       |
| P19     |             | D0-         | PCle Tx-       |
| P20     |             | VSS         | VSS            |
| P21     |             | D1-         | PCle Rx-       |
| P22     |             | D1+         | PCle Rx+       |
| P23     |             | VSS         | VSS            |

Recommended PCB Layout  
Top View (Tolerance: 0.05)

Pad Area

OTHER COMPONENT KEEPOUT AREA



深圳市华宇创精密电子有限公司

|                                                                           |                    |                      |                                        |
|---------------------------------------------------------------------------|--------------------|----------------------|----------------------------------------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5" | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>TF PUSH 7.1全贴卡座 1.45H 有柱 |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYC195-TF18-145            |
| UNIT: mm [inch]<br>SCALE:1:1 SIZE: A4                                     | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:<br>HYC-2609040938             |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1                    |