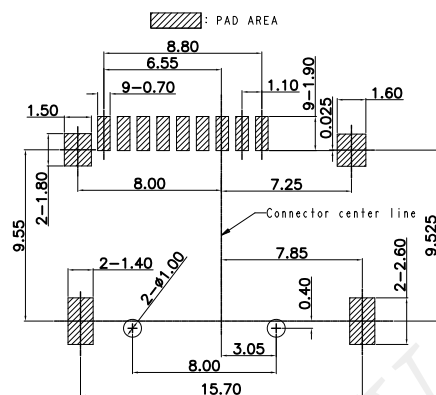
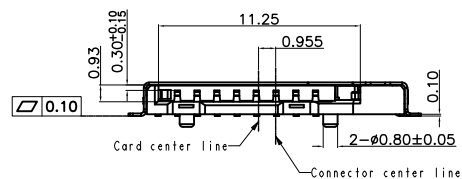
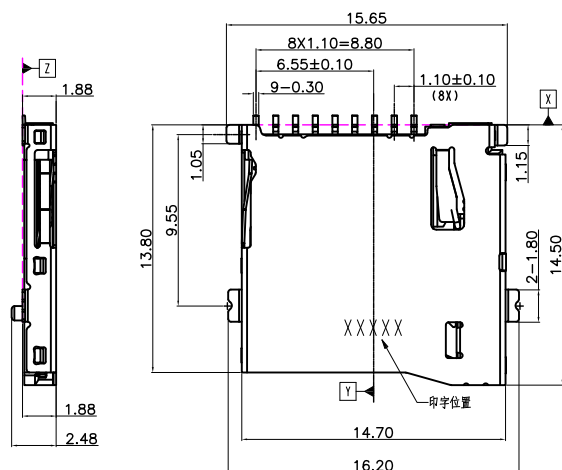
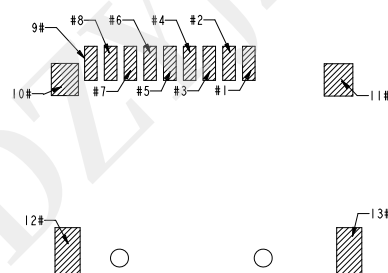
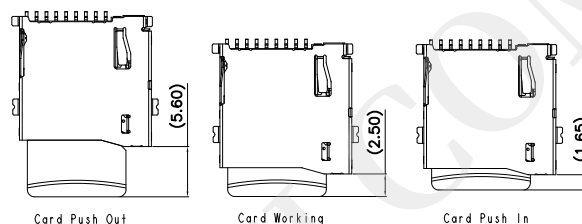
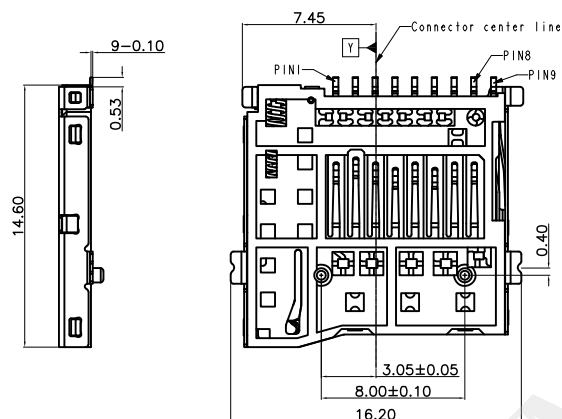




RECOMMENDED P.C.B LAYOUT  
(GENERAL TOLERANCE ±0.05)



## PIN ASSIGNMENTS

| Pin No.            | Name                 | Description           |
|--------------------|----------------------|-----------------------|
| #1                 | DAT2                 | Data Line             |
| #2                 | CD/DAT3 <sup>†</sup> | Card Detect/Data Line |
| #3                 | CMD                  | Command/Response      |
| #4                 | VDD                  | Supply voltage        |
| #5                 | CLK                  | Clock                 |
| #6                 | Vss                  | Supply voltage ground |
| #7                 | DAT0                 | Data Line             |
| #8                 | DAT1                 | Data Line             |
| #9                 | CD                   | Card Detect           |
| #10/#11<br>#12/#13 | GND                  | GND                   |

## NOTE:

- 1-1 MATERIAL:  
1-1 PLASTICS: HEAT RESISTANCE POLYMER, UL94V-0, COLOR: BLACK  
1-2 CONTACT: COPPER ALLOY  
1-3 SHELL: STAINLESS STEEL
- 2-1 PLATING:  
2-1-1 CONTACT: Au 1u" PLATING OVER Ni.  
2-1-2 SOLDER TAIL AREA: MATTE TIN 80u" MIN. OVER Ni 50u" MIN.  
2-2 SHELL: SOLDERABILITY Ni 50u" MIN. PLATING OVER ALL
3. INSERTION/EXTRACTION FORCE: INSERTION: 40N MAX; EXTRACTION: 0.5-40N.
4. DURABILITY: 5000 Cycles.
5. CONTACT AND TAIL COPLANARITY TO BE 0.10mm MAX.
6. RECOMMENDING A METAL MORE THAN 0.10 THICK.  
PLEASE CONFIRM SOLDERABILITY, IF USE A METAL MASK LESS THAN 0.10mm THICK.
7. PRODUCT PACKING: PLEASE REFER TO THE PACKING REGULATION
8. Ambient Temperature Range: -40°C ~ +80°C



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 外焊 1.85H 锁卡 |
| UNIT: mm [inch]                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYC167-TF09-185       |
| SCALE:1:1 SIZE: A4                                                        | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | DRAW NO:<br>HYC-2407021108        |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1               |