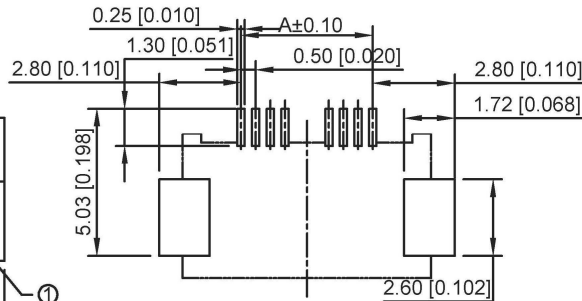
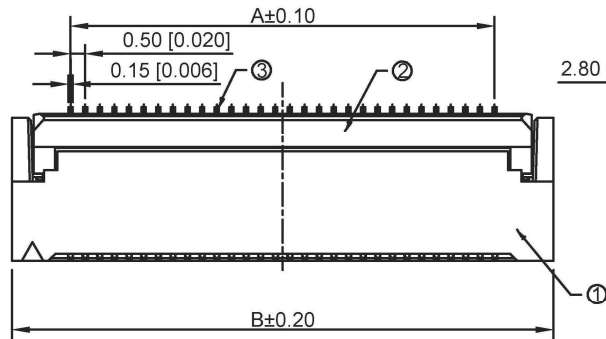
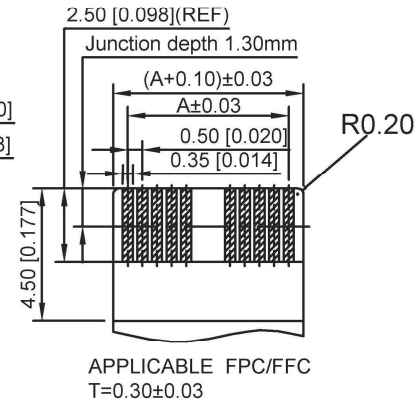
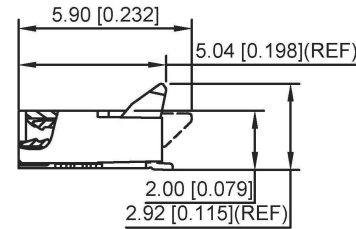
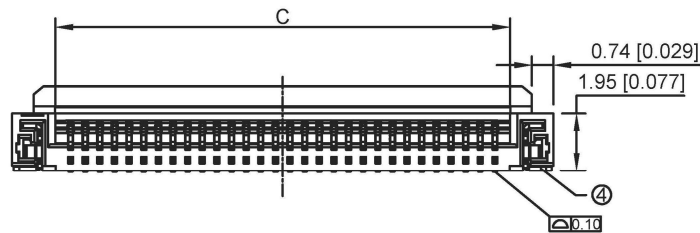




RECOMMENDED PCB LAYOUT



APPLICABLE FPC/FFC  
T=0.30±0.03



1.FPC NOT MATING CONDITION BANNED CLOSURE  
2.PART NO. LEGEND:

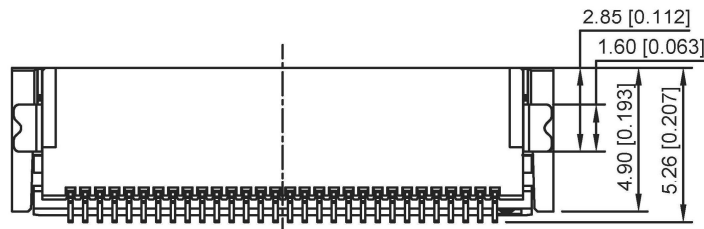
X05A20 H XX X  
① ② ③ ④

- ① Series Name : X05A20=0.5 mm Pitch(H=2.0mm)  
② Assembly style : L:Low Contact SMT Type U:Upper Contact SMT Type  
D:Double-Face Contact SMT Type H:Back-flip Double-Face Contact SMT Type  
③ Number of terminals :XX=04-60PIN  
④ Plating : G:Gold Flash Over Nickel T:Tin Over Nickel

3.PERFORMANCE:

- 3.1: CURRENT RATING:0.5A/PIN  
3.2: VOLTAGE RATING:50V(AC/DC)  
3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max.  
3.4:INSULATION RESISTANCE:500MOHM Min.  
3.5:DIELERIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE  
3.6:DURABILTY: 20 TIMES Min  
3.7:OPERATING TEMPERATURE:-40℃ ~+85℃  
OPERATING HUMIDITY RANGE:20% TO 85%

| NO POSITIONS | DIM A | DIM B | DIM C |
|--------------|-------|-------|-------|
| 4            | 1.50  | 5.50  | 2.55  |
| 5            | 2.00  | 6.00  | 3.05  |
| 6            | 2.50  | 6.50  | 3.55  |
| 8            | 3.50  | 7.50  | 4.55  |
| 9            | 4.00  | 8.00  | 5.05  |
| 10           | 4.50  | 8.50  | 5.55  |
| 12           | 5.50  | 9.50  | 6.55  |
| 13           | 6.00  | 10.00 | 7.05  |
| 14           | 6.50  | 10.50 | 7.55  |
| 15           | 7.00  | 11.00 | 8.05  |
| 16           | 7.50  | 11.50 | 8.55  |
| 18           | 8.50  | 12.50 | 9.55  |
| 20           | 9.50  | 13.50 | 10.55 |
| 24           | 11.50 | 15.50 | 12.55 |
| 25           | 12.00 | 16.00 | 13.05 |
| 26           | 12.50 | 16.50 | 13.55 |
| 28           | 13.50 | 17.50 | 14.55 |
| 30           | 14.50 | 18.50 | 15.55 |
| 32           | 15.50 | 19.50 | 16.55 |
| 34           | 16.50 | 20.50 | 17.55 |
| 36           | 17.50 | 21.50 | 18.55 |
| 40           | 19.50 | 23.50 | 20.55 |
| 45           | 22.00 | 26.00 | 23.05 |
| 50           | 24.50 | 28.50 | 25.55 |
| 54           | 26.50 | 30.50 | 27.55 |
| 60           | 29.50 | 33.50 | 30.55 |



|    |            |                 |                     |           |
|----|------------|-----------------|---------------------|-----------|
| 4  | STATOR     | BRASS           | T=0.15mm PLATING    | 2 PCS     |
| 3  | TERMINAL   | PHOSPHOR BRONZE | T=0.15mm PLATING    | POSITIONS |
| 2  | COVER      | PA              | BLACK UL94V-0       | 1 PCS     |
| 1  | HOUSING    | LCP             | NATURAL UL94V-0     | 1 PCS     |
| NO | COMPONENTS | MATERIALS       | COLOR/SPECIFICATION | QUANTITY  |

|                                               |  |  |  |                        |      |
|-----------------------------------------------|--|--|--|------------------------|------|
|                                               |  |  |  | ANGULAR                | ±5°  |
|                                               |  |  |  | L ≤ 4                  | ±0.2 |
|                                               |  |  |  | 4 < L ≤ 16             | ±0.3 |
|                                               |  |  |  | 16 < L ≤ 63            | ±0.4 |
|                                               |  |  |  | L > 63                 | ±0.5 |
| REVISIONS                                     |  |  |  | UNSPECIFIED TOLERANCES |      |
| www.alpsr.com www.gdxjdz.com www.xbswitch.com |  |  |  |                        |      |



DONG GUAN XI BANG ELECTRONIC CO., LTD

|      |  |             |                  |
|------|--|-------------|------------------|
| DSND |  | SCALE: N/A  | MODEL TYPE:      |
| DWN  |  | VIEW:       | FPC CONNECTOR    |
| CHKD |  | UNIT: mm/in | PART NO.:        |
| APPD |  | SIZE: A4    | DWG NO.: X05A20H |
|      |  |             | WEIGHT           |
|      |  |             | SHEET            |
|      |  |             | REVISION         |
|      |  |             | 1/1              |
|      |  |             | A0               |