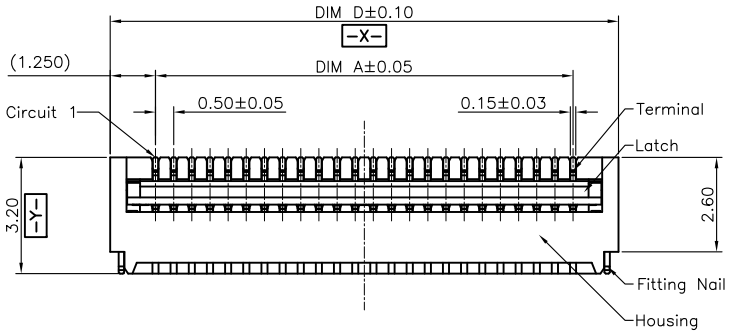
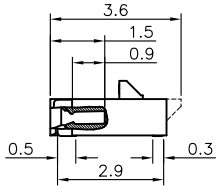
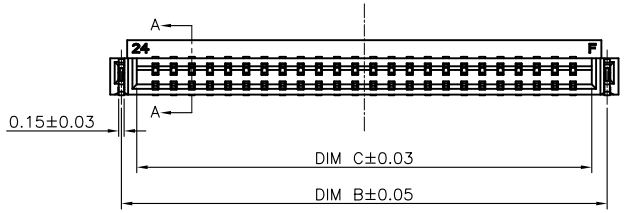
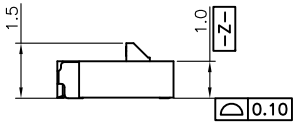



SECTION A–A
SCALE 1:1



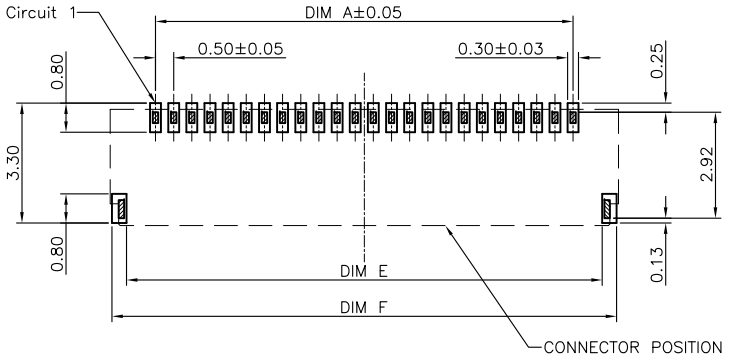




Note:
1. Material:
   1.1 Housing: thermoplastic high temp.UL94V–0; Color: natural.
   1.2 Latch: thermoplastic high temp.UL94V–0; Color: black.
   1.3 Terminal: copper alloy.
   1.4 Fitting Nail: copper alloy.
2. Finsh:
   2.1 Terminal:
      Underplating: Gold flash overall.
   2.2 Fitting Nail:
      Underplating: matt Tin overall.
3. Product must comply HF RoHS specification.
4. Product No:

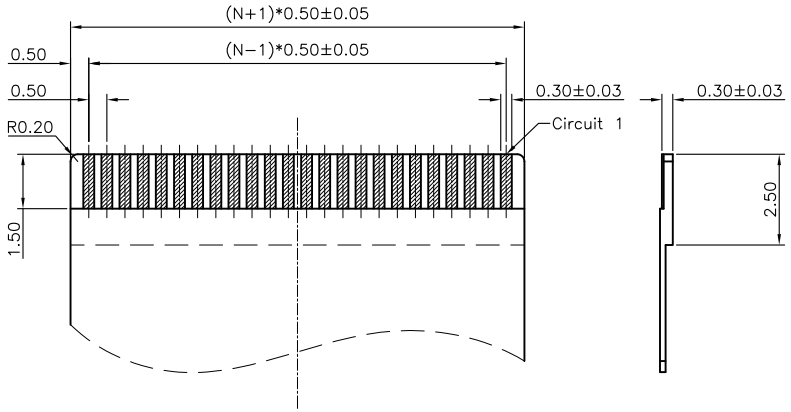
TFP503– XX X X – 00

- Series No.
- No . of Circuits
- PLATING
  - 1:Gold flash 1u"
  - 2:Gold flash 2u"
  - 3:Gold flash 3u"
  - B:Bright–Tin 90–120u"
  - C:Matt–Tin 90–120u"
- PACKING
  - A:Tape&Reel
  - C:Tube
- REMARKS
  - HF:Halogen free

| CKTS | DIM A | DIM B | DIM C | DIM D | DIM E | DIM F |
|---|---|---|---|---|---|---|
| 4 | 1.50 | 3.38 | 2.53 | 4.00 | 3.10 | 3.90 |
| 5 | 2.00 | 3.88 | 3.03 | 4.50 | 3.60 | 4.40 |
| 6 | 2.50 | 4.38 | 3.53 | 5.00 | 4.10 | 4.90 |
| 7 | 3.00 | 4.88 | 4.03 | 5.50 | 4.60 | 5.40 |
| 8 | 3.50 | 5.38 | 4.53 | 6.00 | 5.10 | 5.90 |
| 9 | 4.00 | 5.88 | 5.03 | 6.50 | 5.60 | 6.40 |
| 10 | 4.50 | 6.38 | 5.53 | 7.00 | 6.10 | 6.90 |
| 11 | 5.00 | 6.88 | 6.03 | 7.50 | 6.60 | 7.40 |
| 12 | 5.50 | 7.38 | 6.53 | 8.00 | 7.10 | 7.90 |
| 13 | 6.00 | 7.88 | 7.03 | 8.50 | 7.60 | 8.40 |
| 14 | 6.50 | 8.38 | 7.53 | 9.00 | 8.10 | 8.90 |
| 15 | 7.00 | 8.88 | 8.03 | 9.50 | 8.60 | 9.40 |
| 16 | 7.50 | 9.38 | 8.53 | 10.00 | 9.10 | 9.90 |
| 17 | 8.00 | 9.88 | 9.03 | 10.50 | 9.60 | 10.40 |
| 18 | 8.50 | 10.38 | 9.53 | 11.00 | 10.10 | 10.90 |
| 19 | 9.00 | 10.88 | 10.03 | 11.50 | 10.60 | 11.40 |
| 20 | 9.50 | 11.38 | 10.53 | 12.00 | 11.10 | 11.90 |
| 21 | 10.00 | 11.88 | 11.03 | 12.50 | 11.60 | 12.40 |
| 22 | 10.50 | 12.38 | 11.53 | 13.00 | 12.10 | 12.90 |
| 23 | 11.00 | 12.88 | 12.03 | 13.50 | 12.60 | 13.40 |
| 24 | 11.50 | 13.38 | 12.53 | 14.00 | 13.10 | 13.90 |
| 25 | 12.00 | 13.88 | 13.03 | 14.50 | 13.60 | 14.40 |
| 26 | 12.50 | 14.38 | 13.53 | 15.00 | 14.10 | 14.90 |
| 27 | 13.00 | 14.88 | 14.03 | 15.50 | 14.60 | 15.40 |
| 28 | 13.50 | 15.38 | 14.53 | 16.00 | 15.10 | 15.90 |
| 29 | 14.00 | 15.88 | 15.03 | 16.50 | 15.60 | 16.40 |
| 30 | 14.50 | 16.38 | 15.53 | 17.00 | 16.10 | 16.90 |
| 31 | 15.00 | 16.88 | 16.03 | 17.50 | 16.60 | 17.40 |
| 32 | 15.50 | 17.38 | 16.53 | 18.00 | 17.10 | 17.90 |
| 33 | 16.00 | 17.88 | 17.03 | 18.50 | 17.60 | 18.40 |
| 34 | 16.50 | 18.38 | 17.53 | 19.00 | 18.10 | 18.90 |
| 35 | 17.00 | 18.88 | 18.03 | 19.50 | 18.60 | 19.40 |
| 36 | 17.50 | 19.38 | 18.53 | 20.00 | 19.10 | 19.90 |
| 37 | 18.00 | 19.88 | 19.03 | 20.50 | 19.60 | 20.40 |
| 38 | 18.50 | 20.38 | 19.53 | 21.00 | 20.10 | 20.90 |
| 39 | 19.00 | 20.88 | 20.03 | 21.50 | 20.60 | 21.40 |
| 40 | 19.50 | 21.38 | 20.53 | 22.00 | 21.10 | 21.90 |
| 41 | 20.00 | 21.88 | 21.03 | 22.50 | 21.60 | 22.40 |
| 42 | 20.50 | 22.38 | 21.53 | 23.00 | 22.10 | 22.90 |
| 43 | 21.00 | 22.88 | 22.03 | 23.50 | 22.60 | 23.40 |
| 44 | 21.50 | 23.38 | 22.53 | 24.00 | 23.10 | 23.90 |
| 45 | 22.00 | 23.88 | 23.03 | 24.50 | 23.60 | 24.40 |
| 46 | 22.50 | 24.38 | 23.53 | 25.00 | 24.10 | 24.90 |
| 47 | 23.00 | 24.88 | 24.03 | 25.50 | 24.60 | 25.40 |
| 48 | 23.50 | 25.38 | 24.53 | 26.00 | 25.10 | 25.90 |
| 49 | 24.00 | 25.88 | 25.03 | 26.50 | 25.60 | 26.40 |
| 50 | 24.50 | 26.38 | 25.53 | 27.00 | 26.10 | 26.90 |




RECOMMENDED P.C.B PATTERN LAYOUT




RECOMMENDED FPC/FFC DIMENSION

| CUSTOMER DRAWING | | 鋐創科技有限公司 TRONTEK TECHNOLOGY CO.,LTD. | | |
|---|---|---|---|---|
| Tolerance Unspecified | Size: A4 | Product Name: 0.5Pitch H=1.0 FPC Easy-on Back-Flip R/A Type2 SMT CONN | | |
| 0.0 ±0.15 0°. ±5°<br>0.00 ±0.10 0°.0 ±3°<br>0.000 ±0.05 0°.00 ±1° | Unit: MM | Product No: TFP503-XXXX-00 | | |
| | Scale: 1 : 1 | | | |
| Project View | Page: 1 OF 1 | Designer: Allan 09/15'12 | Checked: | Approved: |
| | Rev: A | | | |