



NOTES:

- MATERIAL:  
HOUSING: HIGHT-TEMP PLASTIC,UL 94V-0,COLOR:WHITE;  
ACTUATOR: HIGHT-TEMP PLASTIC,UL 94V-0,COLOR:BROWN;  
CONTACT: COPPER ALLOY;  
LEG: COPPER ALLOY;
- PLATING:  
CONTACT: GOLD OR TIN PLATED ON NICKEL OVERALL.  
LEG: TIN PLATED ON NICKEL OVERALL.
- RATING:  
CURRENT RATING: 0.4A AC/DC  
VOLTAGE RATING: 50V AC/DC  
TEMPERATURE RANGE: -55°C~+85°C;

**FPC 05 10 01-xx L G**

- G:Gold flash over Nickel
- L:Low Contact SMT Type
- PIN:04-50
- 01:Clamshell FPC T=0.3mm
- 1.0mm High
- 0.5mm Pitch
- FPC Connector

**RoHS  
compliant**

| PIN NO | DIM. A | DIM. B | DIM. C | DIM. D |
|--------|--------|--------|--------|--------|
| 04     | 3.77   | 1.50   | 2.60   | 3.27   |
| 05     | 4.27   | 2.00   | 3.10   | 3.77   |
| 06     | 4.77   | 2.50   | 3.60   | 4.27   |
| 07     | 5.27   | 3.00   | 4.10   | 4.77   |
| 08     | 5.77   | 3.50   | 4.60   | 5.27   |
| 09     | 6.27   | 4.00   | 5.10   | 5.77   |
| 10     | 6.77   | 4.50   | 5.60   | 6.27   |
| 11     | 7.27   | 5.00   | 6.10   | 6.77   |
| 12     | 7.77   | 5.50   | 6.60   | 7.27   |
| 13     | 8.27   | 6.00   | 7.10   | 7.77   |
| 14     | 8.77   | 6.50   | 7.60   | 8.27   |
| 15     | 9.27   | 7.00   | 8.10   | 8.77   |
| 16     | 9.77   | 7.50   | 8.60   | 9.27   |
| 17     | 10.27  | 8.00   | 9.10   | 9.77   |
| 18     | 10.77  | 8.50   | 9.60   | 10.27  |
| 19     | 11.27  | 9.00   | 10.10  | 10.77  |
| 20     | 11.77  | 9.50   | 10.60  | 11.27  |
| 21     | 12.27  | 10.00  | 11.10  | 11.77  |
| 22     | 12.77  | 10.50  | 11.60  | 12.27  |
| 23     | 13.27  | 11.50  | 12.10  | 12.77  |
| 24     | 13.77  | 11.50  | 12.60  | 13.27  |
| 25     | 14.27  | 12.00  | 13.10  | 13.77  |
| 26     | 14.77  | 12.50  | 13.60  | 14.27  |
| 27     | 15.27  | 13.00  | 14.10  | 14.77  |
| 28     | 15.77  | 13.50  | 14.60  | 15.27  |
| 29     | 16.27  | 14.00  | 15.10  | 15.77  |
| 30     | 16.77  | 14.50  | 15.60  | 16.27  |
| 31     | 17.27  | 15.00  | 16.10  | 16.77  |
| 32     | 17.77  | 15.50  | 16.60  | 17.27  |
| 33     | 18.27  | 16.00  | 17.10  | 17.77  |
| 34     | 18.77  | 16.50  | 17.60  | 18.27  |
| 35     | 19.27  | 17.00  | 18.10  | 18.77  |
| 36     | 19.77  | 17.50  | 18.60  | 19.27  |
| 37     | 20.27  | 18.00  | 19.10  | 19.77  |
| 38     | 20.77  | 18.50  | 19.60  | 20.27  |
| 39     | 21.27  | 19.00  | 20.10  | 20.77  |
| 40     | 21.77  | 19.50  | 20.60  | 21.27  |
| 41     | 22.27  | 20.00  | 21.10  | 21.77  |
| 42     | 22.77  | 20.50  | 21.60  | 22.27  |
| 43     | 23.27  | 21.00  | 22.10  | 22.77  |
| 44     | 23.77  | 21.50  | 22.60  | 23.27  |
| 45     | 24.27  | 22.00  | 23.10  | 23.77  |
| 46     | 24.77  | 22.50  | 23.60  | 24.27  |
| 47     | 25.27  | 23.00  | 24.10  | 24.77  |
| 48     | 25.77  | 23.50  | 24.60  | 25.27  |
| 49     | 26.27  | 24.00  | 25.10  | 25.77  |
| 50     | 26.77  | 24.50  | 25.60  | 26.27  |

|   |  |   |        |
|---|--|---|--------|
| -TOLERANCES-<br>UNLESS OTHERWISE SPECIFIED<br>公差參考表 |  | <b>深圳市联泽瑞科技有限公司</b><br>SHENZHEN LIANZERUI TECHNOLOGY CO.,LTD.         |        |
| X.X ±0.30 X.X* ±5°                                  |  | TITLE:<br>產品名稱: 0.5mm Pitch FPC CONNECTOR<br>(For T=0.30mm FPC Cable) |        |
| X.XX ±0.20 X.XX* ±2°                                |  | APPD:<br>核准: DWG NO:<br>校對: 產品料號: <b>FPC051001-XXLG</b>               |        |
| X.XXX ±0.10 X.XXX* ±1°                              |  | DRAW:<br>繪圖:  |        |
|   |  | DATE  | SCALE  |
|   |  | UNIT  | PAGE   |
|   |  | 1:1   | mm 1/2 |

本产品需符合  RoHS  SONY00259  其他  
 ※禁止使用本公司所禁用有毒物质

|     |         |    |      |
|-----|---------|----|------|
| AO  | NEW DWG |    |      |
| REV | ECN.NO: | BY | DATE |