

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE     | DESIGN  |
|------|---------|-----------|-------------|----------|---------|
| A0   |         |           | NEW RELEASE | 04/10'20 | Michael |

ORDERING INFORMATION

**FHL0520M-XX(XX R)**

① ② ③ ④

CUSTOMER DRAWING

RoHS Compliant

① PRODUCT SERIES

ZIF FPC/FFC Connector  
Pitch 0.50mm/Height 2.0mm/Front-Lock  
Sub contact/ SMD Type

③ PLATING

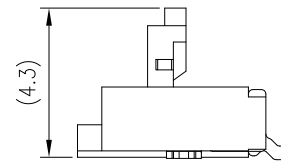
00: TIN PLATING  
01: G/F

② NUMBER OF CONTACTS

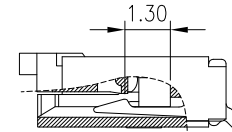
SEE DIM. TABLE

④ PACKING

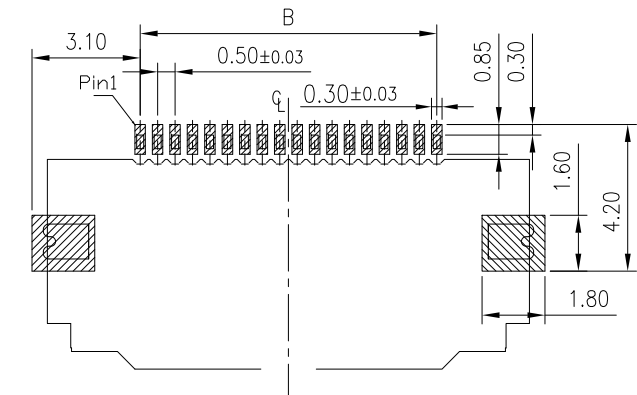
R : Reel



COVER OPEN STATE



CABLE INSERT DIM.



RECOMMENDED PCB PATTERN DIM.

TOLERANCE :  $\pm 0.05$

DIMENSION TABLE.

| PinNo. | DIM A | DIM B | DIM C | DIM D |
|--------|-------|-------|-------|-------|
| 10     | 9.81  | 4.50  | 5.57  | 8.43  |
| 12     | 10.81 | 5.50  | 6.57  | 9.43  |
| 14     | 11.81 | 6.50  | 7.57  | 10.43 |
| 15     | 12.31 | 7.00  | 8.07  | 10.93 |
| 17     | 13.31 | 8.00  | 9.07  | 11.93 |
| 18     | 13.81 | 8.50  | 9.57  | 12.43 |
| 22     | 15.81 | 10.50 | 11.57 | 14.43 |
| 25     | 17.31 | 12.00 | 13.07 | 15.93 |
| 36     | 19.81 | 14.50 | 15.57 | 16.43 |
| 36     | 22.81 | 17.50 | 18.57 | 21.43 |
| 40     | 24.81 | 19.50 | 20.57 | 23.43 |

| DIM   | TOL        |
|-------|------------|
| x     | $\pm 0.40$ |
| x.x   | $\pm 0.30$ |
| x.xx  | $\pm 0.20$ |
| x.xxx | $\pm 0.10$ |

Note:

1.Material

- 1.1: Housing: High-Temp.,UL94V-0. Color:Nature.
- 1.2: Actuator: High-Temp.,UL94V-0. Color:Black.
- 1.3: Contact: Copper Alloy.
- 1.4: Fit : Copper Alloy.

2.Plating

- 2.1: Contact: Tin or Gold plated over Nickel on contact area
- 2.2: Fit : Tin plated on Nickel underplated overall.

| SUNFUN    |              | SUNFUN TECHNOLOGY LTD |                       |       |                                                               |
|-----------|--------------|-----------------------|-----------------------|-------|---------------------------------------------------------------|
| DRAW NO.  | FHL0520M(A0) | DATE                  | MATERIAL: SEE NOTES   |       | DRAW NAME:                                                    |
| DESIGN:   | Michael      | 04/10'20              | FINISH: SEE NOTES     |       | ZIF FPC/FFC Connector                                         |
| CHECK:    | Michael      | 04/10'20              | FILE: FHL0520M(A0)    |       | Pitch 0.50mm/Height 2.0mm/<br>Front-Lock/Sub contact/SMD Type |
| REVIEW:   | Carlos       | 04/10'20              | P/N: FHL0520M-XX(XXR) |       | MODEL:P0.50 FPC CONN                                          |
| APPROVED: | Carlos       | 04/10'20              | REV. A0               | SCALE | UNIT: mm                                                      |
|           |              |                       |                       |       | SHEET: 1/1                                                    |
|           |              |                       |                       |       |                                                               |