



Applicable Flat Wire

Technical Specifications:

1. The surface of plastic parts shall be smooth without burrs and obvious shrinkage, defects, cracks, etc.
2. Temperature Range: - 25 °C ~ 85 °C
3. Rated Voltage: 50V, AC/DC (Equivalent).
4. Contact Resistance: ≤ 0.03Ω.
5. Insulation Resistance: ≥ 500MΩ

General Tolerance  
 X ±0.20 XXX ±0.06  
 ANGLE ±1°

| Serial Number | Designation                                         | Material                            |
|---------------|-----------------------------------------------------|-------------------------------------|
| ①             | 0.5 Third-generation ZIF Rubber Core                | LCP UL94V-0 Natural Colour          |
| ②             | 0.5 Third-generation ZIF Upper Terminal             | Phosphor Bronze/Tin-plating Surface |
| ③             | 0.5 Third-generation ZIF Rear Cover                 | LCP UL94V-0 Black                   |
| ④             | 0.5 Third-generation ZIF Soldering Terminal (H=2.0) | Brass/Tin-plating Surface           |

| CKT | DIM A | DIM B | DIM C | DIM D | CKT | DIM A | DIM B | DIM C | DIM D |
|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|
| 4   | 1.50  | 2.56  | 7.60  |       | 33  | 16.00 | 17.06 | 22.10 | 5.20  |
| 5   | 2.00  | 3.06  | 8.10  |       | 34  | 16.50 | 17.56 | 22.60 |       |
| 6   | 2.50  | 3.56  | 8.60  |       | 35  | 17.00 | 18.06 | 23.10 |       |
| 7   | 3.00  | 4.06  | 9.10  |       | 36  | 17.50 | 18.56 | 23.60 |       |
| 8   | 3.50  | 4.56  | 9.60  |       | 37  | 18.00 | 19.06 | 24.10 |       |
| 9   | 4.00  | 5.06  | 10.10 |       | 38  | 18.50 | 19.56 | 24.60 |       |
| 10  | 4.50  | 5.56  | 10.60 |       | 39  | 19.00 | 20.06 | 25.10 |       |
| 11  | 5.00  | 6.06  | 11.10 |       | 40  | 19.50 | 20.56 | 25.60 |       |
| 12  | 5.50  | 6.56  | 11.60 |       | 41  | 20.00 | 21.06 | 26.10 |       |
| 13  | 6.00  | 7.06  | 12.10 |       | 42  | 20.50 | 21.56 | 26.60 |       |
| 14  | 6.50  | 7.56  | 12.60 |       | 43  | 21.00 | 22.06 | 27.10 |       |
| 15  | 7.00  | 8.06  | 13.10 |       | 44  | 21.50 | 22.56 | 27.60 |       |
| 16  | 7.50  | 8.56  | 13.60 |       | 45  | 22.00 | 23.06 | 28.10 |       |
| 17  | 8.00  | 9.06  | 14.10 |       | 46  | 22.50 | 23.56 | 28.60 |       |
| 18  | 8.50  | 9.56  | 14.60 |       | 47  | 23.00 | 24.06 | 29.10 |       |
| 19  | 9.00  | 10.06 | 15.10 | 5.20  | 48  | 23.50 | 24.56 | 29.60 | 5.75  |
| 20  | 9.50  | 10.56 | 15.60 |       | 49  | 24.00 | 25.06 | 30.10 |       |
| 21  | 10.00 | 11.06 | 16.10 |       | 50  | 24.50 | 25.56 | 30.60 |       |
| 22  | 10.50 | 11.56 | 16.60 |       | 51  | 25.00 | 26.06 | 31.10 |       |
| 23  | 11.00 | 12.06 | 17.10 |       | 52  | 25.50 | 26.56 | 31.60 |       |
| 24  | 11.50 | 12.56 | 17.60 |       | 53  | 26.00 | 27.06 | 32.10 |       |
| 25  | 12.00 | 13.06 | 18.10 |       | 54  | 26.50 | 27.56 | 32.60 |       |
| 26  | 12.50 | 13.56 | 18.60 |       | 55  | 27.00 | 28.06 | 33.10 |       |
| 27  | 13.00 | 14.06 | 19.10 |       | 56  | 27.50 | 28.56 | 33.60 |       |
| 28  | 13.50 | 14.56 | 19.60 |       | 57  | 28.00 | 29.06 | 34.10 |       |
| 29  | 14.00 | 15.06 | 20.10 |       | 58  | 28.50 | 29.56 | 34.60 |       |
| 30  | 14.50 | 15.56 | 20.60 |       | 59  | 29.00 | 30.06 | 35.10 |       |
| 31  | 15.00 | 16.06 | 21.10 |       | 60  | 29.50 | 30.56 | 35.60 |       |
| 32  | 15.50 | 16.56 | 21.60 |       |     |       |       |       |       |

|                                                            |    |                |  |
|------------------------------------------------------------|----|----------------|--|
| SHENZHEN KINGHELM ELECTRONIC CO., LTD                      |    | WWW.BDS666.COM |  |
| KH-FG0.5-H2.0-20PIN                                        |    | 0755-83044319  |  |
| TITLE                                                      |    | DR             |  |
| 0.5 Pitch Third-generation ZIF R/A Upper Connector (H=2.0) |    | WANG TAO       |  |
| DWG NO.                                                    |    | CHKD           |  |
| 2047-XXX                                                   |    | WU PENG        |  |
| Scale                                                      |    | APPD           |  |
| 1:1                                                        | mm | HUANG ZHIMING  |  |
| Unit                                                       |    | SHEET          |  |
|                                                            |    | SIZE           |  |
|                                                            |    | REV            |  |
|                                                            |    | 1 OF 1         |  |
|                                                            |    | A4             |  |
|                                                            |    | 1              |  |