

**Hisense**



UEFA  
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2020欧洲杯全球官方合作伙伴

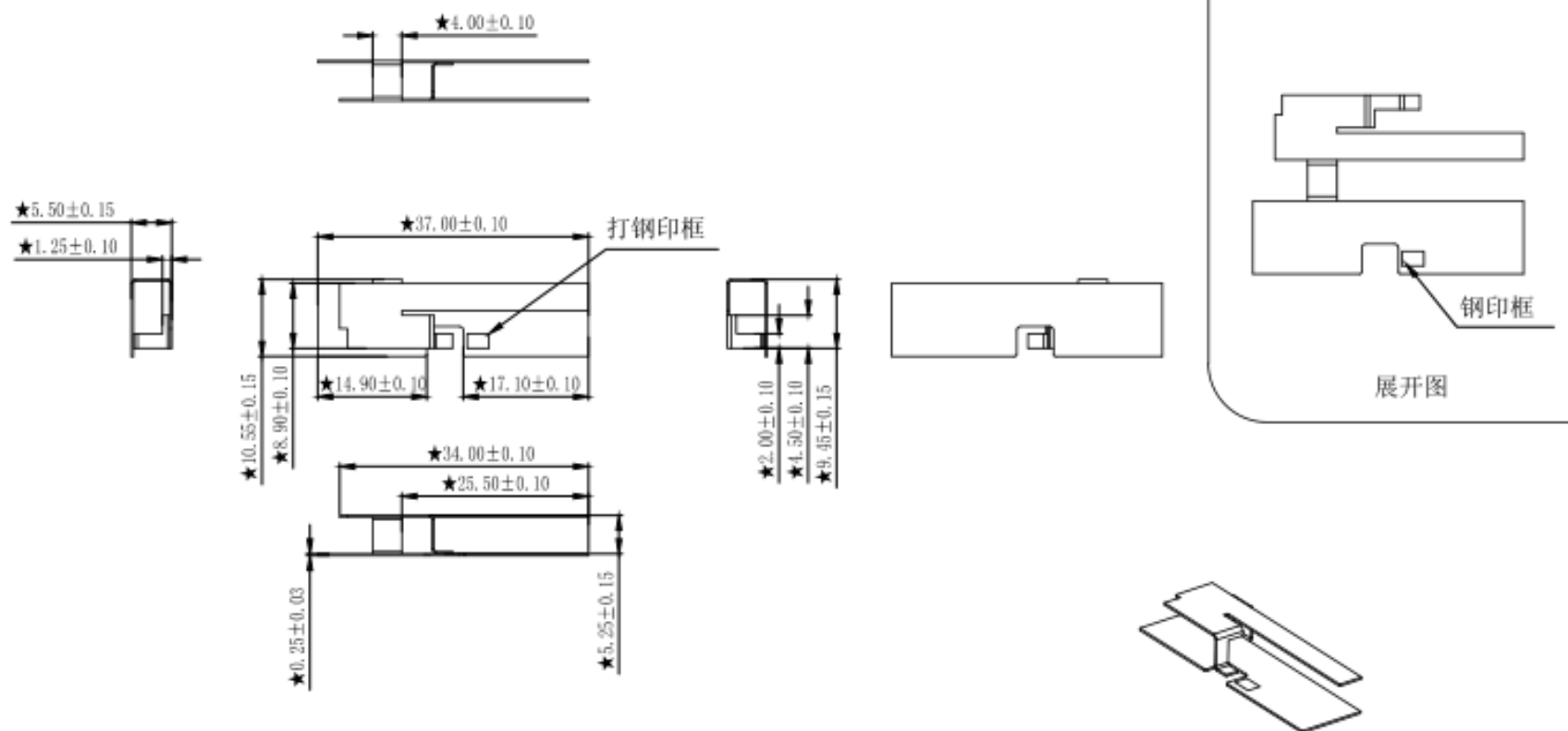
# ZDRK8812CU ANT Details

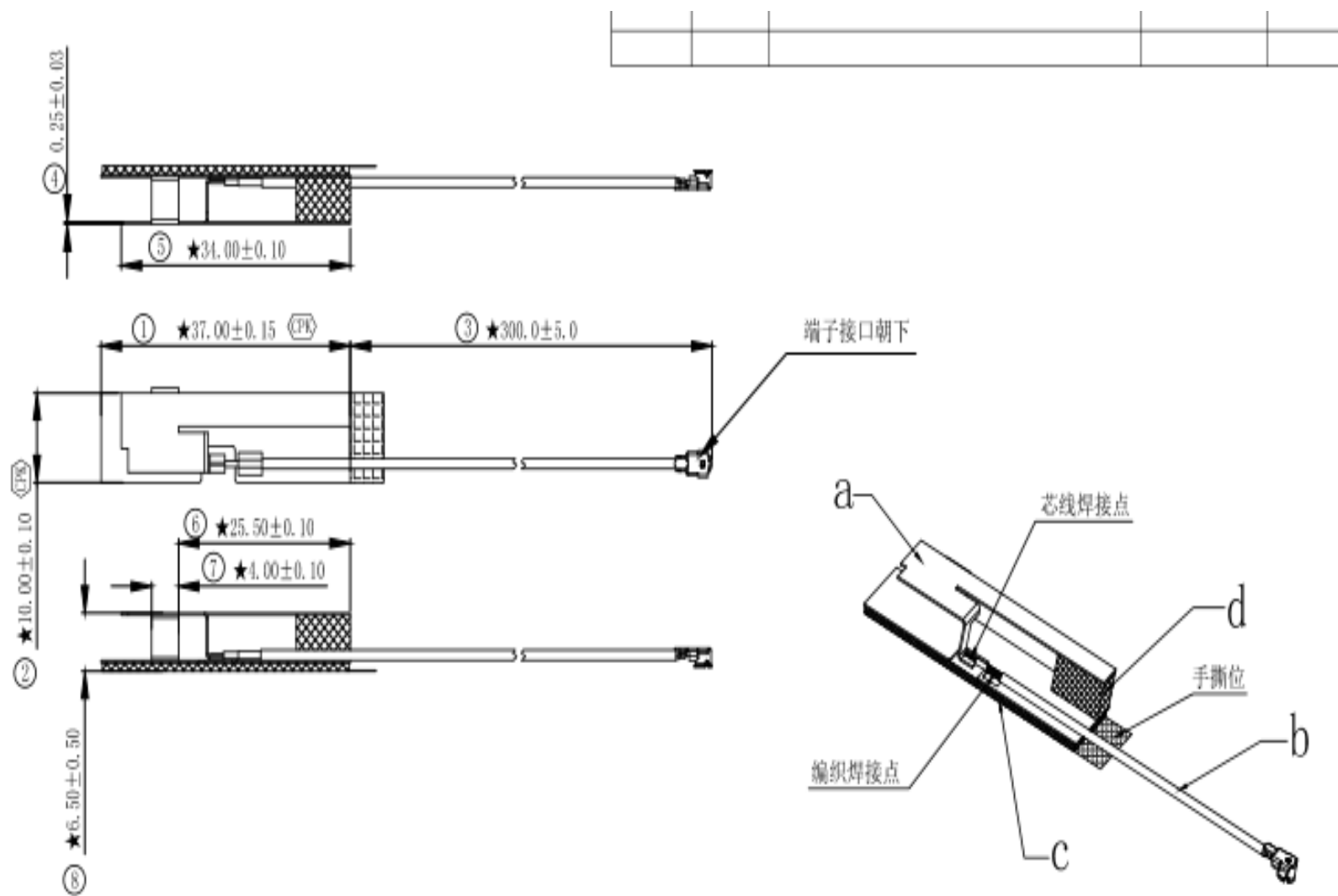
## Ipex pullout-HYWF-PIFA

2022-04

| N0 | details           | specification                                                        | remark                                |
|----|-------------------|----------------------------------------------------------------------|---------------------------------------|
| 1  | Frequency band    | 2400-2500MHz/ 5150-5850 MHz                                          |                                       |
| 2  | directivity       | Omnidirectional antenna                                              |                                       |
| 3  | Input impedance   | 50 Ohm Nominal                                                       |                                       |
| 4  | Return Loss       | -15dB(Max)2.4-2.5G ; -15dB(Max)5.15G-5.85G                           |                                       |
| 5  | VSWR              | 2                                                                    |                                       |
| 6  | Polarization mode | Linear Polarization                                                  |                                       |
| 7  | Gain              | 3.72(Max)2.4G~2.5G ; 4.07(Max)5.15G-5.85G                            | Horizontal level gain test with cable |
| 8  | Efficiency        | $\geq 40\%$                                                          |                                       |
| 9  | Wire loss         | $\leq 3.15\text{dB/M}$ 2.4-2.5G ; $\leq 3.15\text{dB/M}$ 5.15G-5.85G |                                       |

| No | details            | 2.4G~2.5G              | 5.15G~5.85G            |
|----|--------------------|------------------------|------------------------|
| 1  | Input impedance    | 50 Ohm Nominal         |                        |
| 2  | Return Loss        | $\geq -14\text{dBi}$   | $\geq -14\text{dBi}$   |
| 3  | VSWR               | $\leq 1.5$             | $\leq 1.5$             |
| 4  | Average Gain       | 2.10                   | 1.45                   |
| 5  | Average Efficiency | 46%                    | 35%                    |
| 6  | Wire loss          | $\leq 3.15\text{dB/M}$ | $\leq 3.15\text{dB/M}$ |





| No | Size (mm) |
|----|-----------|
| 1  | 37        |
| 2  | 10        |
| 3  | 300       |
| 4  | 0.25      |
| 5  | 34        |
| 6  | 25        |
| 7  | 4         |
| 8  | 6         |

# 谢谢

