

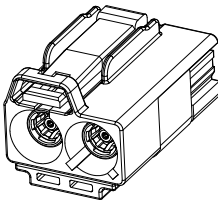
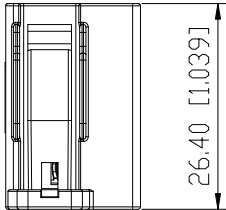
1

2

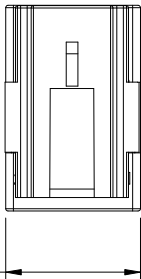
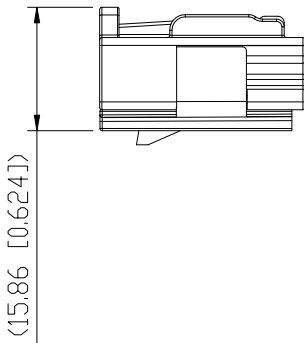
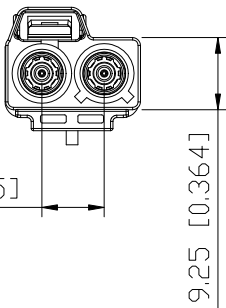
3

4

ROHS



3D View

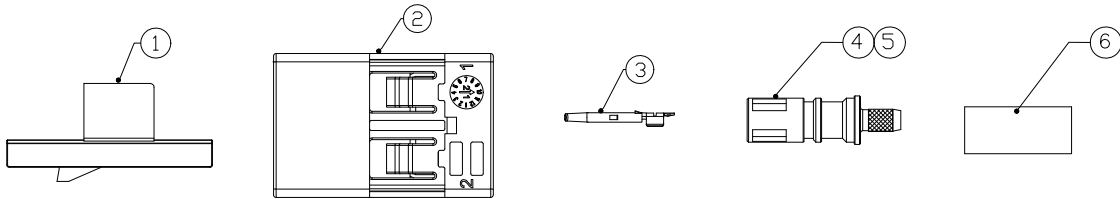


| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.20 |        |

- Specifications(规格):
- 1.Impedance(特性阻抗) : 50Ω;
  - 2.Frequency (工作频率) : DC~6GHz;
  - 3.VSWR (电压驻波比) : 1.50 @3GHz;  
1.60 @6GHz;
  - 4.Insulation resistance(绝缘阻抗) : ≥100MΩ;
  - 5.Dielectric withstand voltage (介质耐电压) : 800V AC;
  - 6.Mating cycles (耐久性) : ≥25;
  - 7.Engagement force(啮合力) : ≤50N;
  - 8.Retention force latch(保持力) : ≥110N;
  - 9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:  
XK2PLF2S7-NA36-X  
Code: A~Z

BOM List:



|     |                  |              |                  |      |           |
|-----|------------------|--------------|------------------|------|-----------|
| 6   | Outer Ferrule    | Copper Alloy | Ni PLATED        | 2 PC |           |
| 5   | Dielectric       | PP           |                  | 2 PC |           |
| 4   | Outer Conductor  | Zinc Alloy   | Tin PLATED       | 2 PC |           |
| 3   | Center Conductor | Copper Alloy | Gold PLATED      | 2 PC | 5000PCS/R |
| 2   | Housing          | PBT          |                  | 1 PC |           |
| 1   | Secondary Lock   | PBT          |                  | 1 PC |           |
| NO. | SPEC.            | MATERIAL     | FINISH (Contact) | Q'TY | Note      |

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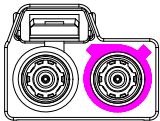
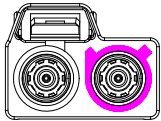
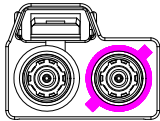
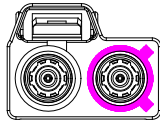
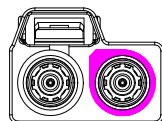
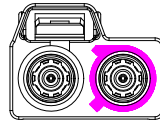
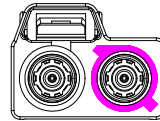
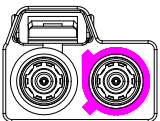
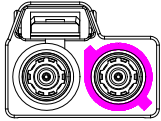
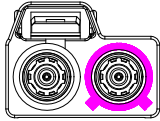
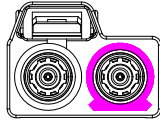
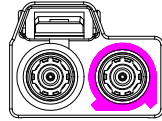
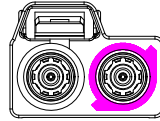
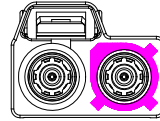


XKB INDUSTRIAL PRECISION CO.,LIMITED

|          |    |             |                                                      |
|----------|----|-------------|------------------------------------------------------|
| DESIGN   | 希文 | VIEW:       | MODEL TYPE:<br>Double FAKRA Female Connector for 302 |
| CHECKED  |    | UNIT: mm/in | PART NO.:<br>XK2PLF2S7-NA36-X                        |
| APPROVED |    | SIZE: A4    | DWG NO.:<br>X-XK2PLF2S7-NA36-X                       |
|          |    |             | SCALE    PAGE    REVISION                            |
|          |    |             | N/A    1/2    A0                                     |

| REVISIONS |         |          |                 |            |
|-----------|---------|----------|-----------------|------------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.20 |
|           |         |          |                 |            |

Code List:

|               |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Colde         |  |  |  |  |  |  |  |
|               | A                                                                                 | B                                                                                 | C                                                                                  | D                                                                                   | E                                                                                   | F                                                                                   | G                                                                                   |
| Color/RAL-No. | Black/9005                                                                        | White/9001                                                                        | Blue/5005                                                                          | Bordeaux/4004                                                                       | Green/6002                                                                          | Brown/8011                                                                          | Grey/7031                                                                           |
| PART NO.      | XK2PLF2S7-NA36-A                                                                  | XK2PLF2S7-NA36-B                                                                  | XK2PLF2S7-NA36-C                                                                   | XK2PLF2S7-NA36-D                                                                    | XK2PLF2S7-NA36-E                                                                    | XK2PLF2S7-NA36-F                                                                    | XK2PLF2S7-NA36-G                                                                    |
| Colde         |  |  |  |  |  |  |  |
|               | H                                                                                 | I                                                                                 | K                                                                                  | L                                                                                   | M                                                                                   | N                                                                                   | Z                                                                                   |
| Color/RAL-No. | Violet/4003                                                                       | Beige/1001                                                                        | Curry/1027                                                                         | Carmine red/3002                                                                    | Pastel Orange/2003                                                                  | Pastel Green/6019                                                                   | Water Blue/5021                                                                     |
| PART NO.      | XK2PLF2S7-NA36-H                                                                  | XK2PLF2S7-NA36-I                                                                  | XK2PLF2S7-NA36-K                                                                   | XK2PLF2S7-NA36-L                                                                    | XK2PLF2S7-NA36-M                                                                    | XK2PLF2S7-NA36-N                                                                    | XK2PLF2S7-NA36-Z                                                                    |

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|                        |       |
|------------------------|-------|
| ANGLAR                 | ±5°   |
| X.                     | ±0.40 |
| X.x                    | ±0.30 |
| X.xx                   | ±0.20 |
| X.xxx                  | ±0.15 |
| UNSPECIFIED TOLERANCES |       |



|          |    |                                                                                             |                                                      |
|----------|----|---------------------------------------------------------------------------------------------|------------------------------------------------------|
| DESIGN   | 希文 | VIEW:  | MODEL TYPE:<br>Double FAKRA Female Connector for 302 |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XK2PLF2S7-NA36-X                        |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XK2PLF2S7-NA36-X                       |

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|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 2/2  | A0       |