

1

2

3

4

ROHS

REV.

ECN NO.

LOCATION

DESCRIPTION

DATE

DESIGN

A0

N/A

INITIAL RELEASE

2024.08.17

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): ≤25N;

8.Retention force latch(保持力): ≥110N;

9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:

XK1PLF1S6-NA16-X

Code: A~Z

26.40 [1.039]

9.30 [0.366]

10.10 [0.398]

12.95 [0.510]

(15.75 [0.620])

3D View

BOM List:

1

2

3

456

7

|     |                  |              |                  |       |           |
|-----|------------------|--------------|------------------|-------|-----------|
| 7   | Outer Ferrule    | Copper Alloy | Ni PLATED        | 1 PC  |           |
| 6   | Spring           | Copper Alloy | Tin PLATED       | 1 PC  |           |
| 5   | Dielectric       | PBT          |                  | 1 PC  |           |
| 4   | Outer Conductor  | Zinc Alloy   | Tin PLATED       | 1 PC  |           |
| 3   | Center Conductor | Copper Alloy | Gold PLATED      | 1 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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ANGLAR

±5°

X.

±0.50

X.x

±0.30

X.xx

±0.20

X.xxx

±0.10

UNSPECIFIED TOLERANCES

MODEL TYPE:

FAKRA Female Connector for RG58

PART NO.:

XK1PLF1S6-NA16-X

DWG NO.:

X-XK1PLF1S6-NA16-X

SCALE

PAGE

REVISION

N/A

1/2

A0

DESIGN

希文

VIEW:

CHECKED

UNIT: mm/in

APPROVED

SIZE: A4

XK13

星城

Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

1

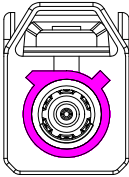
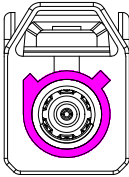
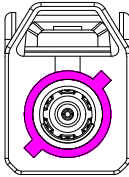
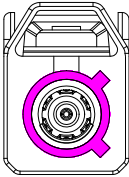
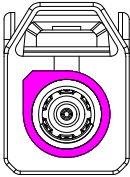
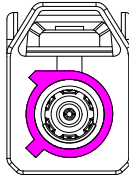
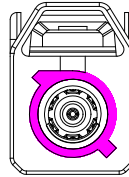
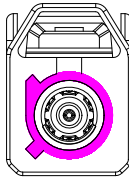
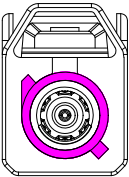
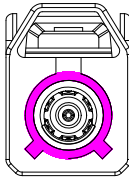
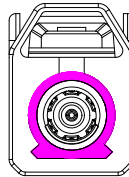
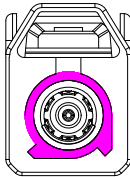
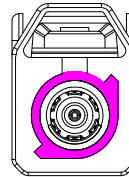
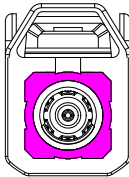
2

3

4

| REVISIONS |         |          |                 |            |
|-----------|---------|----------|-----------------|------------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.17 |
|           |         |          |                 |            |

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.      | XK1PLF1S6-NA16-A                                                                  | XK1PLF1S6-NA16-B                                                                  | XK1PLF1S6-NA16-C                                                                   | XK1PLF1S6-NA16-D                                                                    | XK1PLF1S6-NA16-E                                                                    | XK1PLF1S6-NA16-F                                                                    | XK1PLF1S6-NA16-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.      | XK1PLF1S6-NA16-H                                                                  | XK1PLF1S6-NA16-I                                                                  | XK1PLF1S6-NA16-K                                                                   | XK1PLF1S6-NA16-L                                                                    | XK1PLF1S6-NA16-M                                                                    | XK1PLF1S6-NA16-N                                                                    | XK1PLF1S6-NA16-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>FAKRA Female Connector for RG58 |
| CHECKED                              |    | UNIT: mm/in                                                                                 | PART NO.:<br>XK1PLF1S6-NA16-X                  |
| APPROVED                             |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XK1PLF1S6-NA16-X                 |
| XKB INDUSTRIAL PRECISION CO.,LIMITED |    |                                                                                             | SCALE<br>N/A                                   |
|                                      |    |                                                                                             | PAGE<br>2/2                                    |
|                                      |    |                                                                                             | REVISION<br>A0                                 |