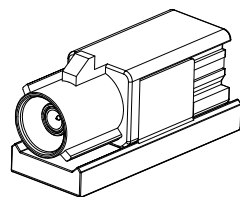


```
7.50 [0.295]
```

9.30 [0.366]

10.10 [0.398]

9.30 [0.366]

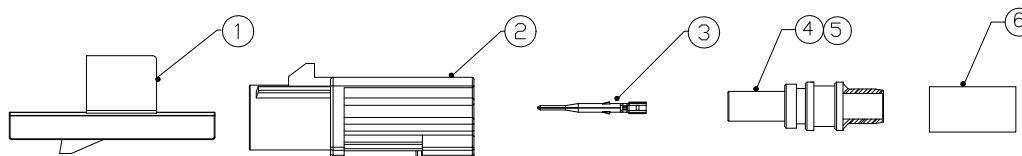


3D View

26.00 [1.024]

&lt;12.10 [0.476]&gt;

BOM List:



|     |                  |                                                      |                                                    |                                                |           |
|-----|------------------|------------------------------------------------------|----------------------------------------------------|------------------------------------------------|-----------|
| 6   | Outer Ferrule    | Copper Alloy                                         | Ni PLATED                                          | 1 PC                                           |           |
| 5   | Dielectric       | PP                                                   |                                                    | 1 PC                                           |           |
| 4   | Outer Conductor  | Zinc Alloy                                           | Ni 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      |
|     |                  | <a href="http://www.helloxb.com">www.helloxb.com</a> | <a href="http://www.helloxb.cn">www.helloxb.cn</a> | <a href="http://www.xk-dg.cn">www.xk-dg.cn</a> |           |

|                  |                 |              |
|------------------|-----------------|--------------|
| www.helloxkb.com | www.helloxkb.cn | www.xk-dq.cn |
|------------------|-----------------|--------------|

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) :  $\geq 100\text{M}\Omega$ ;
- 5.Dielectric withstand voltage (介质耐电压) : 800V AC;
- 6.Mating cycles (耐久性) :  $\geq 25$ ;
- 7.Engagement force(啮合力) :  $\leq 25\text{N}$ ;
- 8.Retention force latch(保持力) :  $\geq 110\text{N}$ ;
- 9.Temperature range(使用温度) :  $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$ ;

PART NO.:

XK1PLM1S6-NA16-X

Code: A~Z

|                        |               |
|------------------------|---------------|
| ANGLAR                 | $\pm 5^\circ$ |
| X.                     | $\pm 0.50$    |
| X.x                    | $\pm 0.30$    |
| X.xx                   | $\pm 0.20$    |
| X.xxx                  | $\pm 0.10$    |
| UNSPECIFIED TOLERANCES |               |

|             |                               |
|-------------|-------------------------------|
| MODEL TYPE: | FAKRA Male Connector for RG58 |
|-------------|-------------------------------|

|   |                               |
|---|-------------------------------|
| n | PART NO.:<br>XK1PLM1S6-NA16-X |
|---|-------------------------------|

|          |                    |
|----------|--------------------|
| DWG NO.: | X-XK1PIM1S6-NA16-X |
|----------|--------------------|

|       |      |          |
|-------|------|----------|
| SCALE | PAGE | REVISION |
| N/A   | 1/2  | A0       |

XK13 星城  
Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN

希文

VIEW: 

CHECKED

UNIT: mm/in.

APPROVED

SIZE: A4

1

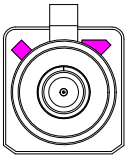
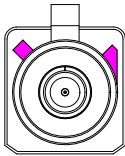
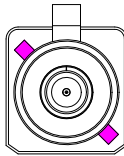
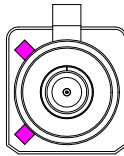
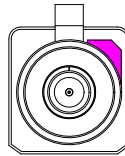
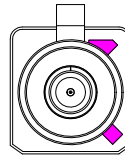
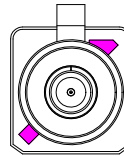
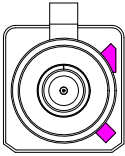
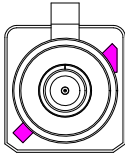
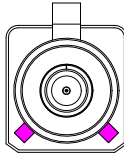
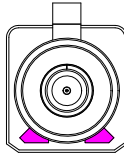
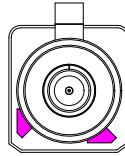
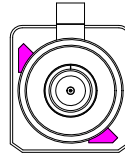
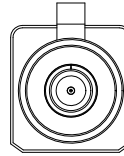
2

3

4

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.14 |        |
|           |         |          |                 |            |        |

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.      | XK1PLM1S6-NA16-A                                                                  | XK1PLM1S6-NA16-B                                                                  | XK1PLM1S6-NA16-C                                                                   | XK1PLM1S6-NA16-D                                                                    | XK1PLM1S6-NA16-E                                                                    | XK1PLM1S6-NA16-F                                                                    | XK1PLM1S6-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.      | XK1PLM1S6-NA16-H                                                                  | XK1PLM1S6-NA16-I                                                                  | XK1PLM1S6-NA16-K                                                                   | XK1PLM1S6-NA16-L                                                                    | XK1PLM1S6-NA16-M                                                                    | XK1PLM1S6-NA16-N                                                                    | XK1PLM1S6-NA16-Z                                                                    |

NOTE: ALL RIGHTS RESERVED,BANNED COPY!

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



XKB INDUSTRIAL PRECISION CO.,LIMITED

|          |    |                                                                                             |                                              |      |          |
|----------|----|---------------------------------------------------------------------------------------------|----------------------------------------------|------|----------|
| DESIGN   | 希文 | VIEW:  | MODEL TYPE:<br>FAKRA Male Connector for RG58 |      |          |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XK1PLM1S6-NA16-X                |      |          |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XK1PLM1S6-NA16-X               |      |          |
|          |    |                                                                                             | SCALE                                        | PAGE | REVISION |
|          |    |                                                                                             | N/A                                          | 2/2  | A0       |