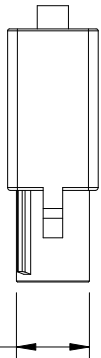
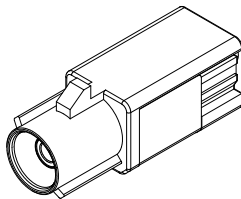


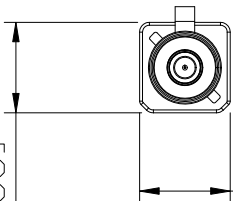
ROHS



7.50 [0.295]

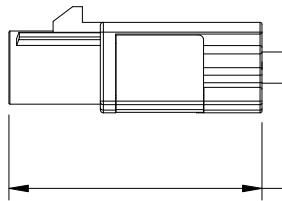


3D View



9.30 [0.366]

9.30 [0.366]



26.00 [1.024]

Specifications(规格):

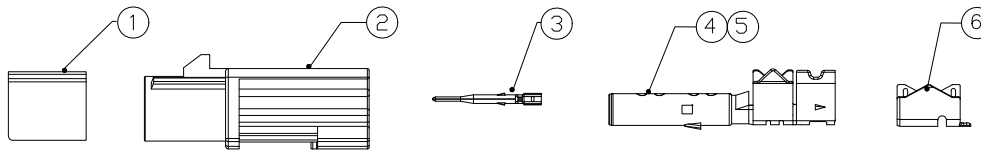
- 1.Impedance(特性阻抗) : 50Ω;
- 2.Frequency (工作频率) : DC~6GHz;
- 3.VSWR (电压驻波比) : 1.50 @3GHz;  
1.60 @6GHz;
- 4.Insulation resistance(绝缘阻抗) : ≥100MΩ;
- 5.Dielectric withstand voltage (介质耐电压) : 800V AC;
- 6.Mating cycles (耐久性) : ≥25;
- 7.Engagement force(啮合力) : ≤25N;
- 8.Retention force latch(保持力) : ≥110N;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

PART NO.:

XK1PLM1S7-NA06-X

Code: A~Z

BOM List:



|                                                     |                  |              |                  |      |           |
|-----------------------------------------------------|------------------|--------------|------------------|------|-----------|
| 6                                                   | Outer Ferrule    | Copper Alloy | Tin PLATED       | 1 PC | 5000PCS/R |
| 5                                                   | Dielectric       | PBT          |                  | 1 PC |           |
| 4                                                   | Outer Conductor  | Copper 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      |
| www.helloxkb.com    www.helloxkb.cn    www.xk-dg.cn |                  |              |                  |      |           |



|          |    |             |
|----------|----|-------------|
| DESIGN   | 希文 | VIEW:       |
| CHECKED  |    | UNIT: mm/in |
| APPROVED |    | SIZE: A4    |

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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:<br>FAKRA Male Connector for 302 |       |          |
| PART NO.:<br>XK1PLM1S7-NA06-X               |       |          |
| DWG NO.:<br>X-XK1PLM1S7-NA06-X              |       |          |
| SCALE                                       | PAGE  | REVISION |
| N/A                                         | 1/2   | A0       |

1

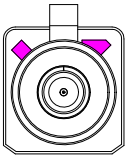
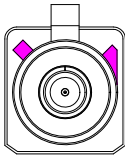
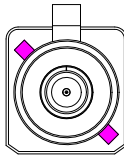
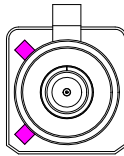
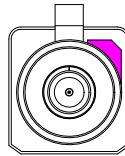
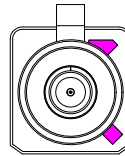
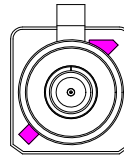
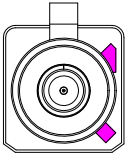
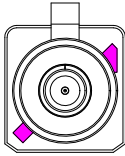
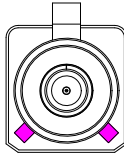
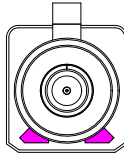
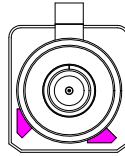
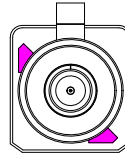
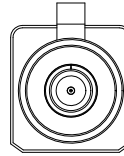
2

3

4

| REVISIONS |          |                 |            |        |
|-----------|----------|-----------------|------------|--------|
| ECN NO.   | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A      | INITIAL RELEASE | 2024.08.12 |        |
|           |          |                 |            |        |

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.      | XK1PLM1S7-NA06-A                                                                  | XK1PLM1S7-NA06-B                                                                  | XK1PLM1S7-NA06-C                                                                   | XK1PLM1S7-NA06-D                                                                    | XK1PLM1S7-NA06-E                                                                    | XK1PLM1S7-NA06-F                                                                    | XK1PLM1S7-NA06-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.      | XK1PLM1S7-NA06-H                                                                  | XK1PLM1S7-NA06-I                                                                  | XK1PLM1S7-NA06-K                                                                   | XK1PLM1S7-NA06-L                                                                    | XK1PLM1S7-NA06-M                                                                    | XK1PLM1S7-NA06-N                                                                    | XK1PLM1S7-NA06-Z                                                                    |

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



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|          |    |                                                                                             |                                             |
|----------|----|---------------------------------------------------------------------------------------------|---------------------------------------------|
| DESIGN   | 希文 | VIEW:  | MODEL TYPE:<br>FAKRA Male Connector for 302 |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XK1PLM1S7-NA06-X               |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XK1PLM1S7-NA06-X              |
|          |    |                                                                                             | SCALE    PAGE    REVISION                   |
|          |    |                                                                                             | N/A    2/2    A0                            |