

RoHS

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2022.03.14 |        |
|           |         |          |                 |            |        |

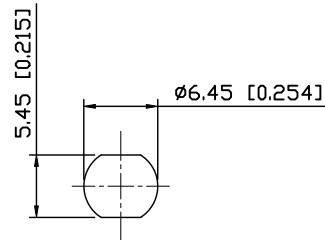
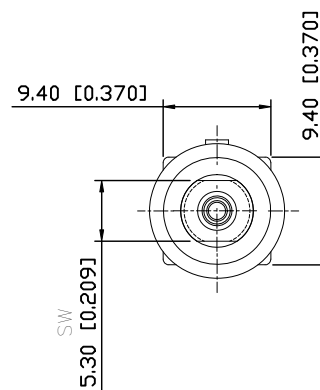
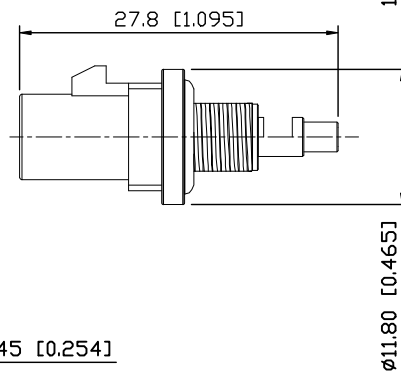
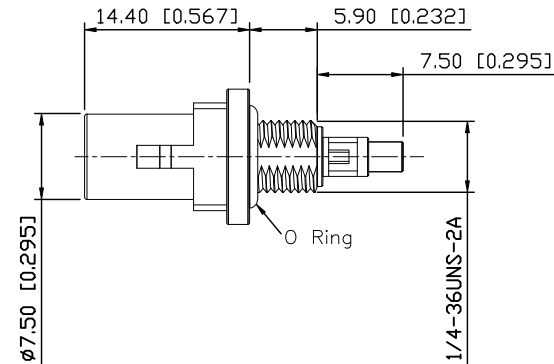
Specifications(规格):

- 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℃;

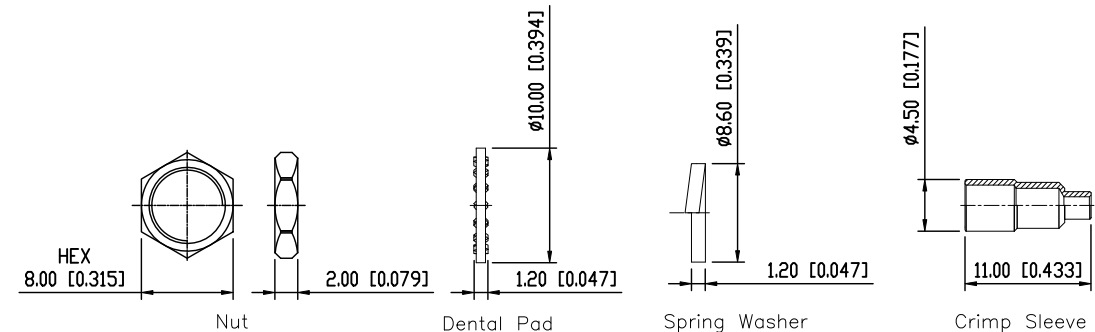
PART NO.:

XK1PLM1S2-WS54-X

Code: A~Z



RECOMMENDED Mounting Hole



|     |                  |                |                            |      |      |
|-----|------------------|----------------|----------------------------|------|------|
| 9   | Spring Washer    | Copper Alloy   | Ni PLATED                  | 1 PC |      |
| 8   | Nut              | Copper Alloy   | Ni PLATED                  | 1 PC |      |
| 7   | Dental Pad       | Copper Alloy   | Ni PLATED                  | 1 PC |      |
| 6   | Crimp Sleeve     | Copper Alloy   | Ni PLATED                  | 1 PC |      |
| 5   | O Ring           | Silicon Rubber |                            | 1 PC |      |
| 4   | Outer Conductor  | Copper Alloy   | Three element alloy PLATED | 1 PC |      |
| 3   | Center Conductor | Copper Alloy   | Gold PLATED                | 1 PC |      |
| 2   | Dielectric       | PTFE           |                            | 1 PC |      |
| 1   | Housing          | PA66           |                            | 1 PC |      |
| NO. | SPEC.            | MATERIAL       | FINISH (Contact)           | Q'TY | Note |

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XKB 星坤  
Connection

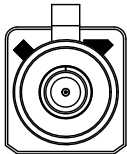
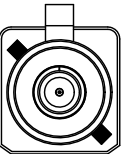
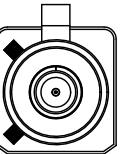
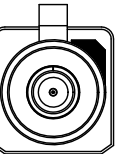
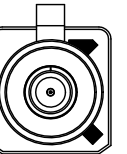
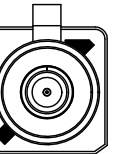
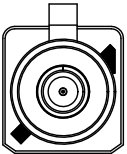
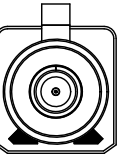
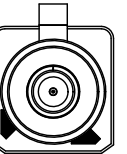
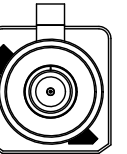
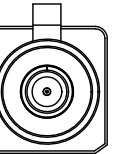
|          |    |             |
|----------|----|-------------|
| DESIGN   | 希文 | VIEW:       |
| CHECKED  |    | UNIT: mm/in |
| APPROVED |    | SIZE: A4    |

XKB INDUSTRIAL PRECISION CO.,LIMITED

|                        |       |
|------------------------|-------|
| ANGULAR                | ±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 RG178 |      |          |
| PART NO.:<br>XK1PLM1S2-WS54-X                 |      |          |
| DWG NO.:<br>X-XK1PLM1S2-WS54-X                |      |          |
| SCALE                                         | PAGE | REVISION |
| N/A                                           | 1/2  | A0       |

Code/PART NO. 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.      | XK1PLM1S2-WS54-A                                                                  | XK1PLM1S2-WS54-B                                                                  | XK1PLM1S2-WS54-C                                                                   | XK1PLM1S2-WS54-D                                                                    | XK1PLM1S2-WS54-E                                                                    | XK1PLM1S2-WS54-F                                                                    | XK1PLM1S2-WS54-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.      | XK1PLM1S2-WS54-H                                                                  | XK1PLM1S2-WS54-I                                                                  | XK1PLM1S2-WS54-K                                                                   | XK1PLM1S2-WS54-L                                                                    | XK1PLM1S2-WS54-M                                                                    | XK1PLM1S2-WS54-N                                                                    | XK1PLM1S2-WS54-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 |       |



|          |    |                                                                                             |                                                |      |          |
|----------|----|---------------------------------------------------------------------------------------------|------------------------------------------------|------|----------|
| DESIGN   | 希文 | VIEW:  | MODEL TYPE:<br>FAKRA Male Connector for RF1.37 |      |          |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XK1PLM1S2-WS54-X                  |      |          |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XK1PLM1S2-WS54-X                 |      |          |
|          |    |                                                                                             | SCALE                                          | PAGE | REVISION |
|          |    |                                                                                             | N/A                                            | 2/2  | A0       |