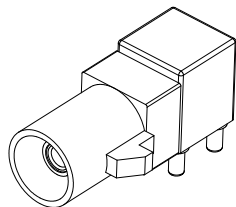
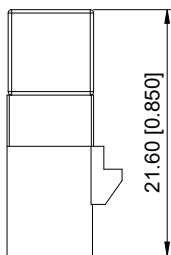
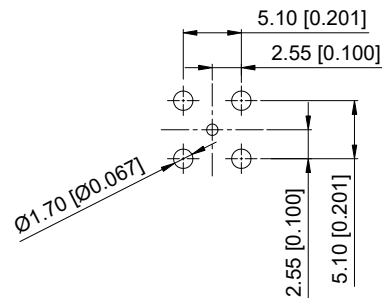
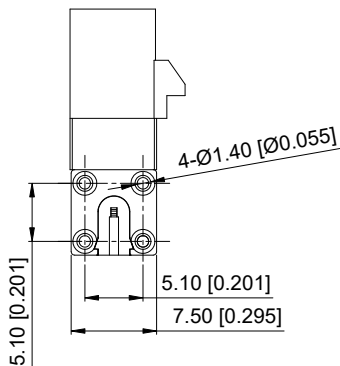
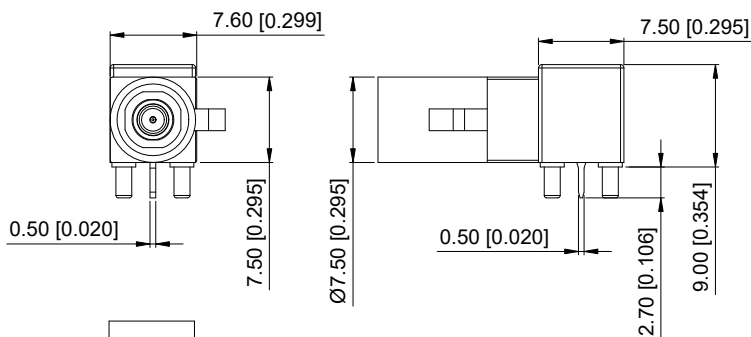


ROHS



3D View



Recommended PCB Layout

Specifications(规格):

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

PART NO.:

XK1PWM13-ND14-X

Code: A~Z

|     |                  |              |                  |      |      |
|-----|------------------|--------------|------------------|------|------|
| 4   | Dielectric       | LCP          |                  | 1 PC |      |
| 3   | Outer Conductor  | Zinc Alloy   | Tin PLATED       | 1 PC |      |
| 2   | Center Conductor | Copper Alloy | Gold PLATED      | 1 PC |      |
| 1   | Housing          | PA9T         |                  | 1 PC |      |
| NO. | SPEC.            | MATERIAL     | FINISH (Contact) | Q'TY | Note |

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

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| ANGULAR | ±5°   |
|---------|-------|
| X.      | ±0.50 |
| X.x     | ±0.30 |
| X.xx    | ±0.20 |
| X.xxx   | ±0.10 |

UNSPECIFIED TOLERANCES

MODEL TYPE:  
Right Angle FAKRA Male Connector

PART NO.:  
XK1PWM13-ND14-X

DWG NO.:  
X-XK1PWM13-ND14-X

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

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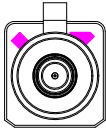
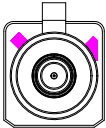
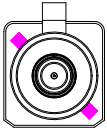
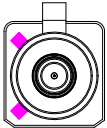
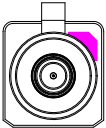
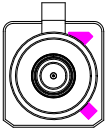
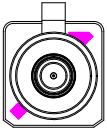
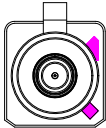
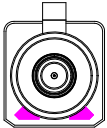
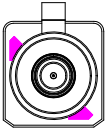
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| REV. | ECN NO. | LOCATION | REVISIONS       |            |        |
|------|---------|----------|-----------------|------------|--------|
|      |         |          | DESCRIPTION     | DATE       | DESIGN |
| A0   | N/A     |          | INITIAL RELEASE | 2024.08.07 |        |
|      |         |          |                 |            |        |

## 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.      | XK1PWM13-ND14-A                                                                   | XK1PWM13-ND14-B                                                                   | XK1PWM13-ND14-C                                                                   | XK1PWM13-ND14-D                                                                     | XK1PWM13-ND14-E                                                                     | XK1PWM13-ND14-F                                                                     | XK1PWM13-ND14-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.      | XK1PWM13-ND14-H                                                                   | XK1PWM13-ND14-I                                                                   | XK1PWM13-ND14-K                                                                   | XK1PWM13-ND14-L                                                                     | XK1PWM13-ND14-M                                                                     | XK1PWM13-ND14-N                                                                     | XK1PWM13-ND14-Z                                                                     |

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



|          |    |
|----------|----|
| DESIGN   | 希文 |
| CHECKED  |    |
| APPROVED |    |

|       |                                                                                       |
|-------|---------------------------------------------------------------------------------------|
| VIEW: |  |
| UNIT: | mm/in                                                                                 |
| SIZE: | A4                                                                                    |

|             |                                  |
|-------------|----------------------------------|
| MODEL TYPE: | Right Angle FAKRA Male Connector |
| PART NO.:   | XK1PWM13-ND14-X                  |
| DWG NO.:    | X-XK1PWM13-ND14-X                |

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

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