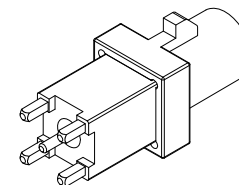
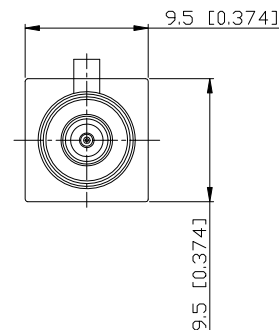
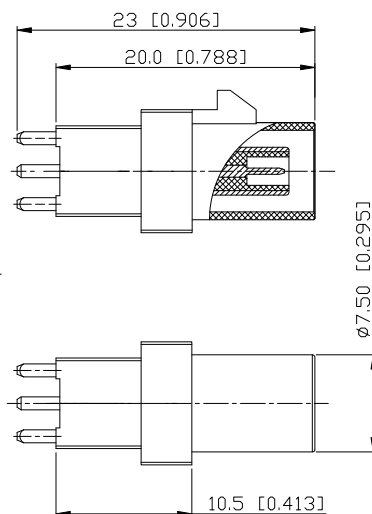
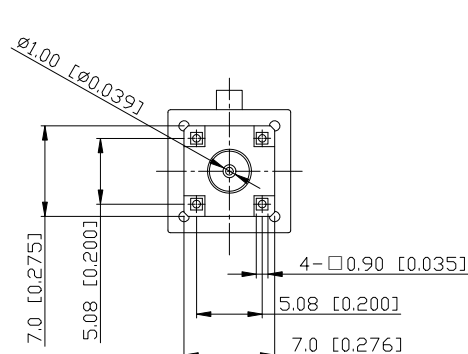


ROHS

## REVISIONS

| REV. | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
|------|---------|----------|-----------------|------------|--------|
| A0   | N/A     |          | INITIAL RELEASE | 2014.12.13 | 希文     |



3D View

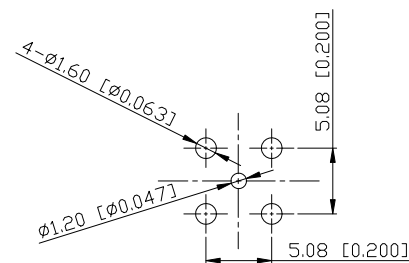
## Specifications(规格):

1. Impedance(特性阻抗): 50Ω;
2. Frequency(工作频率): DC~6GHz;
3. Insulation resistance(绝缘阻抗):  $\geq 100\text{M}\Omega$ ;
4. VSWR(驻波比):  $\leq 1.50$  @3GHz;
5. Dielectric withstand voltage(介质耐电压): 800V AC;
6. Mating cycles(耐久性):  $\geq 25$  cycles;
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.:

XK1PWM11-N054-X

Code: A~Z



Recommended P.C.B Layout

|     |                  |              |                  |      |      |
|-----|------------------|--------------|------------------|------|------|
| 4   | Dielectric       | PTFE         |                  | 1 PC |      |
| 3   | Outer Conductor  | Copper Alloy | Ni PLATED        | 1 PC |      |
| 2   | Center Conductor | Copper Alloy | Gold PLATED      | 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: |  | MODEL TYPE: | Vertical FAKRA Male Connector |          |  |
| CHECKED               |    | UNIT: | mm/in                                                                                 | PART NO.:   | XK1PWM11-N054-X               |          |  |
| APPROVED              |    | SIZE: | A4                                                                                    | DWG NO.:    | X-XK1PWM11-N054-X             |          |  |
| PRECISION CO.,LIMITED |    |       |                                                                                       | SCALE       | PAGE                          | REVISION |  |
|                       |    |       |                                                                                       | N/A         | 1/2                           | A0       |  |

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A

A

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.

XK1PWM11-N054-A

XK1PWM11-N054-B

XK1PWM11-N054-C

XK1PWM11-N054-D

XK1PWM11-N054-E

XK1PWM11-N054-F

XK1PWM11-N054-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.

XK1PWM11-N054-H

XK1PWM11-N054-I

XK1PWM11-N054-K

XK1PWM11-N054-L

XK1PWM11-N054-M

XK1PWM11-N054-N

XK1PWM11-N054-Z

D

D

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



|          |    |       |       |             |                               |          |  |
|----------|----|-------|-------|-------------|-------------------------------|----------|--|
| DESIGN   | 希文 | VIEW: |       | MODEL TYPE: | Vertical FAKRA Male Connector |          |  |
| CHECKED  |    | UNIT: | mm/in | PART NO.:   | XK1PWM11-N054-X               |          |  |
| APPROVED |    | SIZE: | A4    | DWG NO.:    | X-XK1PWM11-N054-X             |          |  |
|          |    |       |       | SCALE       | PAGE                          | REVISION |  |
|          |    |       |       | N/A         | 2/2                           | A0       |  |

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XKB INDUSTRIAL PRECISION CO.,LIMITED

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