

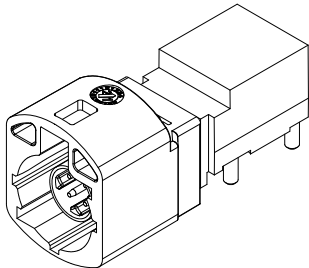
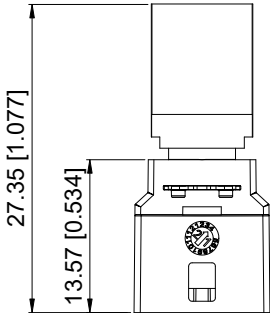
1

2

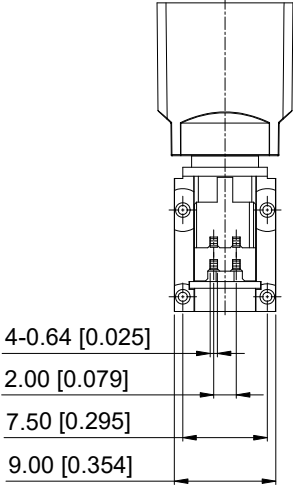
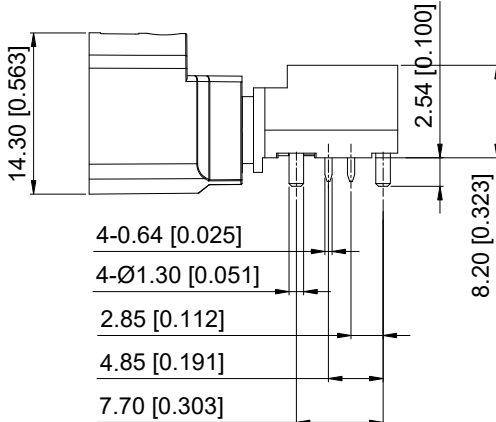
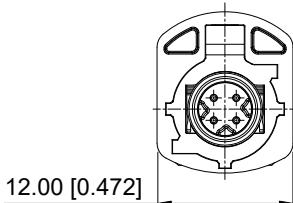
3

4

ROHS



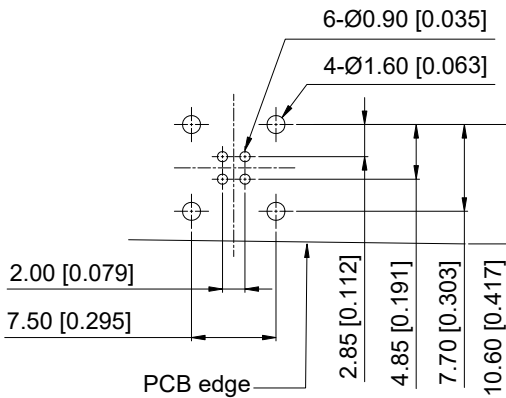
3D View



| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.01 |        |

- Specifications(规格):
- 1.Impedance(特性阻抗) : 100Ω;
  - 2.Frequency (工作频率) : DC~2GHz;
  - 3.Return Loss (回波损耗) : ≥ 20dB @1GHz;
  - 4.Insulation resistance(绝缘阻抗) : ≥100MΩ;
  - 5.Dielectric withstand voltage (介质耐电压) : 250V AC;
  - 6.Mating cycles (耐久性) : ≥25 cycles;
  - 7.Engagement force(啮合力) : ≤ 30N;
  - 8.Retention force latch(保持力) : ≥110N;
  - 9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:  
XH4PWM13-NZ05-X  
Code: A~Z



Recommended P.C.B Layout

|     |                  |              |                  |       |      |
|-----|------------------|--------------|------------------|-------|------|
| 6   | Latch            | SUS          |                  | 1 PC  |      |
| 5   | Cover            | Zinc Alloy   |                  | 1 PC  |      |
| 4   | Dielectric       | LCP          |                  | 1 PC  |      |
| 3   | Outer Conductor  | Zinc Alloy   | Tin PLATED       | 1 PC  |      |
| 2   | Center Conductor | Copper Alloy | Gold PLATED      | 4 PCS |      |
| 1   | Housing          | PBT or 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    |

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

|                                          |  |  |
|------------------------------------------|--|--|
| UNSPECIFIED TOLERANCES                   |  |  |
| MODEL TYPE:<br>HSD 4P Male R/A Connector |  |  |
| PART NO.:<br>XH4PWM13-NZ05-X             |  |  |
| DWG NO.:<br>X-XH4PWM13-NZ05-X            |  |  |

XKB INDUSTRIAL PRECISION CO.,LIMITED

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

1

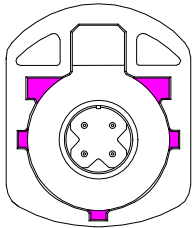
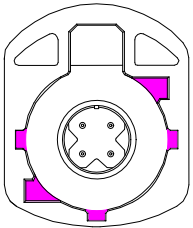
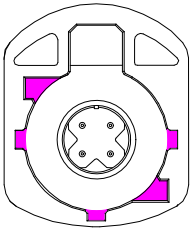
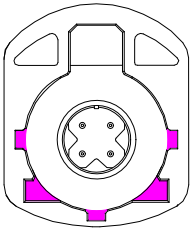
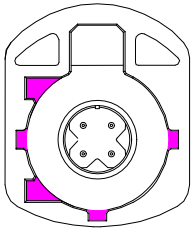
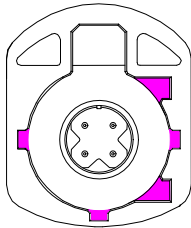
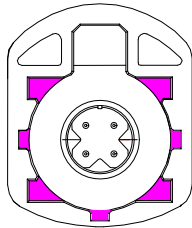
2

3

4

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.01 |        |
|           |         |          |                 |            |        |

Code List:

|               |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Colde         |  |  |  |  |  |  |  |
|               | A                                                                                 | B                                                                                 | C                                                                                  | D                                                                                   | E                                                                                   | F                                                                                   | Z                                                                                   |
| Color/RAL-No. | Black/9005                                                                        | White/9001                                                                        | Blue/5005                                                                          | Bordeaux/4004                                                                       | Green/6002                                                                          | Brown/8011                                                                          | Water Blue/5021                                                                     |
| PART NO.      | XH4PWM13-NZ05-A                                                                   | XH4PWM13-NZ05-B                                                                   | XH4PWM13-NZ05-C                                                                    | XH4PWM13-NZ05-D                                                                     | XH4PWM13-NZ05-E                                                                     | XH4PWM13-NZ05-F                                                                     | XH4PWM13-NZ05-Z                                                                     |

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|                        |       |
|------------------------|-------|
| 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>HSD4+2P Male R/A Connector |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XH4PWM13-NZ05-X              |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XH4PWM13-NZ05-X             |
|          |    |                                                                                             | SCALE: N/A                                |
|          |    |                                                                                             | PAGE: 2/2                                 |
|          |    |                                                                                             | REVISION: A0                              |