

1

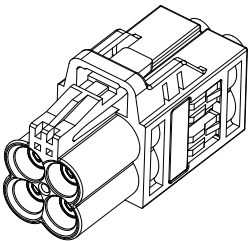
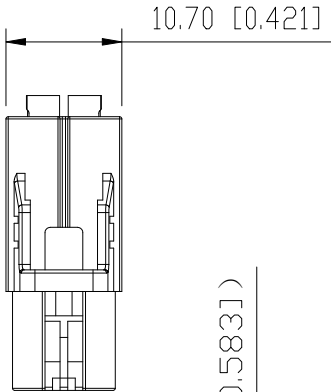
2

3

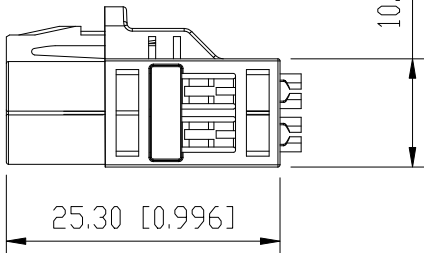
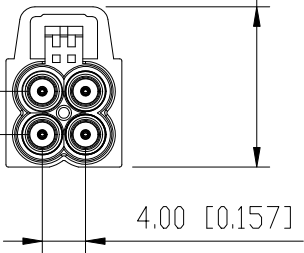
4

ROHS

| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.15 |        |



3D View



Specifications(规格):

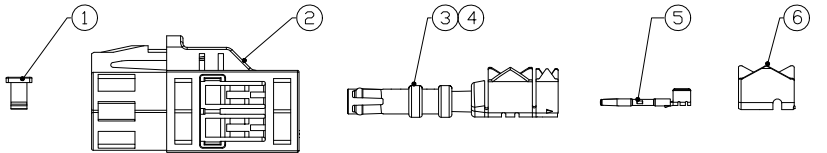
- 1.Impedance(特性阻抗) : 50Ω;
- 2.Frequency (工作频率) : DC~6GHz;
- 3.VSWR (电压驻波比) : 1.40 @DC~2GHz;  
1.50 @2~3GHz;  
1.60 @3~6GHz;
- 4.Insulation resistance(绝缘阻抗) : ≥100MΩ;
- 5.Dielectric withstand voltage (介质耐电压) : 800V AC;
- 6.Mating cycles (耐久性) : ≥25 cycles;
- 7.Engagement force(啮合力) : ≤45N;
- 8.Retention force latch(保持力) : ≥110N;
- 9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:

XM0RLF4S7-NA06-X

Code: A~Z

BOM List:



|     |                  |              |                  |       |           |
|-----|------------------|--------------|------------------|-------|-----------|
| 6   | Outer Ferrule    | Copper Alloy | Tin PLATED       | 4 PCS | 5000PCS/R |
| 5   | Center Conductor | Copper Alloy | Gold PLATED      | 4 PCS | 5000PCS/R |
| 4   | Dielectric       | PBT          |                  | 4 PCS |           |
| 3   | Outer Conductor  | Copper Alloy | Tin PLATED       | 4 PCS |           |
| 2   | Housing          | PBT          |                  | 1 PC  |           |
| 1   | Secondary Lock   | PBT          |                  | 2 PCS |           |
| 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>MINI FAKRA Female Connector for 302 |      |          |
| PART NO.:<br>XM0RLF4S7-NA06-X                      |      |          |
| DWG NO.:<br>X-XM0RLF4S7-NA06-X                     |      |          |
| SCALE                                              | PAGE | REVISION |
| N/A                                                | 1/2  | A0       |

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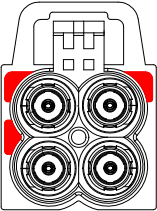
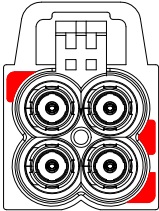
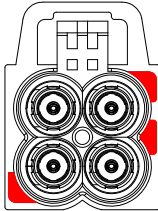
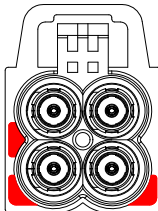
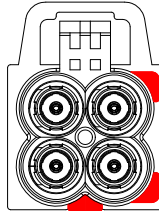
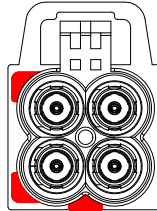
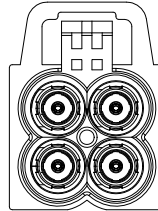
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| REVISIONS |         |          |                 |            |
|-----------|---------|----------|-----------------|------------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       |
| A0        | N/A     |          | INITIAL RELEASE | 2024.08.15 |
|           |         |          |                 |            |

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.      | XMORLF4S7-NA06-A                                                                  | XMORLF4S7-NA06-B                                                                  | XMORLF4S7-NA06-C                                                                   | XMORLF4S7-NA06-D                                                                    | XMORLF4S7-NA06-E                                                                    | XMORLF4S7-NA06-F                                                                    | XMORLF4S7-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>MINI FAKRA Female Connector for 302 |
| CHECKED  |    | UNIT: mm/in                                                                                 | PART NO.:<br>XMORLF4S7-NA06-X                      |
| APPROVED |    | SIZE: A4                                                                                    | DWG NO.:<br>X-XMORLF4S7-NA06-X                     |
|          |    |                                                                                             | SCALE    PAGE    REVISION                          |
|          |    |                                                                                             | N/A    2/2    A0                                   |