

# HM-D Sub 模块连接器 MODULAR CONNECTORS

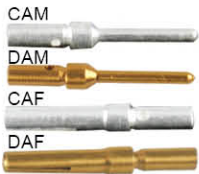


额定电流 Rated current: 5A 额定电压 Rated voltage: 50V

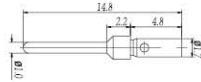
|                                                                                                  | 型号 Type                   | 订货号 Part No.<br>公接插针 Male insert<br>母接插针 Female insert | 尺寸图 Drawing (mm)                                                                                                                                                                                                                                                                                                                                                                                     |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|---|---|---|----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|
| 接线方式: 冷压针压接<br>Termination methods: Crimp terminal<br>(冷压针请单独订购 Order crimp contacts separately) | HM-D Sub-M                | 5140093001                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
|                                                                                                  | HM-D Sub-F                | 5140093101                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 接线方式: 螺钉压接<br>Termination methods: Screw terminal<br>适用于 RS485 接口                                | HM-D Sub-M<br>HM-D Sub1-M | 5140093051<br>5140094051                               |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
|                                                                                                  | HM-D Sub-F<br>HM-D Sub1-F | 5140093151<br>5140094151                               | HM-D Sub 接线图<br><table border="1"> <tr><th>信号</th><th>针位</th></tr> <tr><td>A</td><td>8</td></tr> <tr><td>B</td><td>3</td></tr> </table><br>HM-D Sub1 接线图<br><table border="1"> <tr><th>信号</th><th>公针位</th><th>母针位</th></tr> <tr><td>1</td><td>7</td><td>8</td></tr> <tr><td>2</td><td>2</td><td>4</td></tr> <tr><td>3</td><td>4</td><td>2</td></tr> <tr><td>4</td><td>8</td><td>7</td></tr> </table> | 信号 | 针位 | A | 8 | B | 3 | 信号 | 公针位 | 母针位 | 1 | 7 | 8 | 2 | 2 | 4 | 3 | 4 | 2 | 4 | 8 |
| 信号                                                                                               | 针位                        |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| A                                                                                                | 8                         |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| B                                                                                                | 3                         |                                                        |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 信号                                                                                               | 公针位                       | 母针位                                                    |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 1                                                                                                | 7                         | 8                                                      |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 2                                                                                                | 2                         | 4                                                      |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 3                                                                                                | 4                         | 2                                                      |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |
| 4                                                                                                | 8                         | 7                                                      |                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |   |   |   |    |     |     |   |   |   |   |   |   |   |   |   |   |   |

## 5A 插针 Contacts

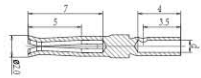
技术参数 Technical data  
 材质: 铜镀银 / 金  
 Material: Copper, hard silver / gold plated  
 接触电阻 Contact resistance:  $\leq 4m\Omega$   
 接线形式: 冷压接线  
 Termination methods: Crimp connection



5A 公插针 Male



5A 母插针 Female



| 线径 (mm <sup>2</sup> )<br>Wire gauge | AWG   | 接线长度<br>Stripping length | 镀银冷压针 Crimp contacts, silver-plated<br>型号 Type<br>订货号 Part No. | 镀金冷压针 Crimp contacts, gold-plated<br>型号 Type<br>订货号 Part No. |
|-------------------------------------|-------|--------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
| 0.13-0.33mm <sup>2</sup>            | 26-22 | 5.0mm                    | CAM-13<br>3670005566                                           | DAM-13<br>3670005576                                         |
| 0.33-0.52mm <sup>2</sup>            | 22-20 | 5.0mm                    | CAM-33<br>3670008566                                           | DAM-33<br>3670008576                                         |
| 0.13-0.33mm <sup>2</sup>            | 26-22 | 5.0mm                    | CAF-13<br>3670005466                                           | DAF-13<br>3670005476                                         |
| 0.33-0.52mm <sup>2</sup>            | 22-20 | 5.0mm                    | CAF-33<br>3670008466                                           | DAF-33<br>3670008476                                         |

## 技术参数 Technical characteristics

### 1 插芯 Inserts

|                                       |                      |
|---------------------------------------|----------------------|
| 接插件针数 Inserts Number of contacts      | 9                    |
| 依据 DIN EN 61984 的电气数据 Electrical data |                      |
| - 额定电流 Rated current                  | 5A                   |
| - 额定电压 Rated voltage                  | 50V                  |
| - 额定脉冲电压 Rated impulse voltage        | 0.8kV                |
| - 污染程度 Pollution degree               | 3                    |
| 绝缘电阻 Insulation resistance            | $\geq 10^{10}\Omega$ |
| 材料 Material                           | 聚碳酸酯 Polycarbonate   |
| 工作温度范围 Limiting temperatures          | -40°C ... +125°C     |
| 依据 UL94 阻燃等级 Flammability             | V0                   |
| 可拔插次数 Mating cycles                   | $\geq 500$           |

### 2 插针 Contacts

|                         |                                              |
|-------------------------|----------------------------------------------|
| 材料 Material             | 铜合金 Copper alloy                             |
| 表面处理 Surface            | 镀银 Hard-silver plated<br>镀金 Hard-gold plated |
| 接触电阻 Contact resistance | $\leq 3m\Omega$                              |
| 冷压连接 Crimp terminal     |                                              |
| - mm <sup>2</sup>       | 0.09-0.82 mm <sup>2</sup>                    |
| - AWG                   | 28-18                                        |