

**Male module, 12-pole, crimp t.**

250 V (Pin-PE) / 400 V (Pin-Pin), 10 A

Art.No.: 70MH-MAB1C-0120801

Weight: 0.011

Country of origin: CZ

Model designation: MSMH-MSTM-1M-C-12 pol. 250/400 V 10 A

Male

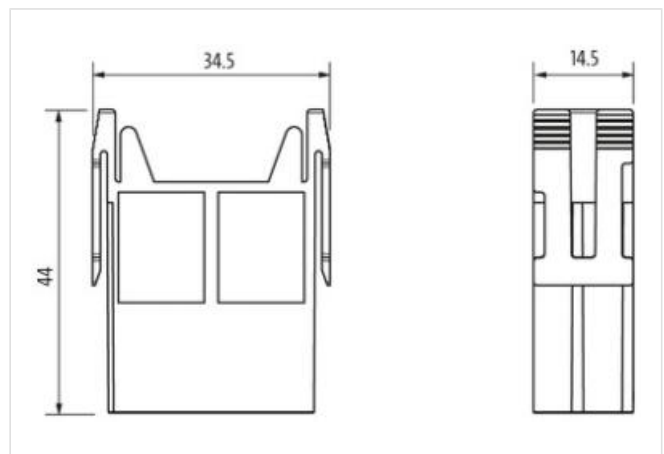
12-pole

Crimp

Technical data will be only guaranteed with Murrelektronik components.

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27143424      |
| ECLASS-6.1            | 27261204      |
| ECLASS-7.0            | 27440204      |
| ECLASS-8.0            | 27440204      |
| ECLASS-9.0            | 27440217      |
| ECLASS-10.1           | 27440217      |
| ECLASS-11.1           | 27440217      |
| ECLASS-12.0           | 27440217      |
| ETIM-5.0              | EC000438      |
| customs tariff number | 85389099      |
| customs tariff number | 85389099      |
| GTIN                  | 4048879641562 |
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| Packaging unit        | 5             |
| Packaging unit        | 5             |

**Electrical data | Supply**

|                                              |       |
|----------------------------------------------|-------|
| Operating voltage AC per power contact max.  | 400 V |
| Operating voltage AC per signal contact max. | 250 V |
| Operating voltage DC per power contact max.  | 400 V |
| Operating voltage DC per signal contact max. | 250 V |
| Operating current                            | 10 A  |

**Installation**

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-05-11

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|                               |                      |
|-------------------------------|----------------------|
| Connection cross section min. | 0,14 mm <sup>2</sup> |
| Connection cross section max. | 2,5 mm <sup>2</sup>  |
| AWG number min.               | 26                   |
| AWG number max.               | 13                   |

**Installation | Connection**

|                               |        |
|-------------------------------|--------|
| Wire insulation diameter min. | 3,7 mm |
| Connection                    | Crimp  |
| Gender                        | male   |
| Mating cycles min.            | 500    |

**Installation | Pin assignment**

|              |    |
|--------------|----|
| No. of poles | 12 |
|--------------|----|

**Device protection | Electrical**

|                                   |        |
|-----------------------------------|--------|
| Pollution Degree                  | 3      |
| Rated surge voltage               | 4 kV   |
| Insulation resistance min.        | 100 MΩ |
| Overvoltage category (EN 60664-1) | III    |
| Overvoltage category (EN 60950-1) | III    |

**Mechanical data**

|                             |       |
|-----------------------------|-------|
| Holding force contacts min. | 70 N  |
| Holding force modules min.  | 150 N |
| Pulling force max.          | 60 N  |

**Mechanical data | Material data**

|                             |                       |
|-----------------------------|-----------------------|
| Material housing            | PA                    |
| Coating contact             | versilbert, vergoldet |
| Combustibility class (UL94) | V-0                   |
| Material contact            | Brass                 |

**Mechanical data | Mounting data**

|                        |         |
|------------------------|---------|
| Number of module slots | 1       |
| Height                 | 44 mm   |
| Width                  | 14,5 mm |
| Depth                  | 34,4 mm |

**Environmental characteristics | Climatic**

|                                    |           |
|------------------------------------|-----------|
| Operating temperature min.         | -40 °C    |
| Operating temperature max.         | 125 °C    |
| Climatic category (EN IEC 60068-1) | 40/125/10 |