

heavy|mate - C146 M Pin module (for turned 2,5 mm contacts)

Part No. C146 A05 001 E8

Series Heavy duty connectors heavy|mate - C 146

Subseries Heavy duty connector heavy|mate - C146 M

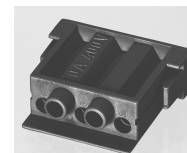


Abbildung stellvertretend für alle verfügbaren Polzahlen.

| COMMON CHARACTERISTICS         |  |                           |
|--------------------------------|--|---------------------------|
| No. of contacts                |  | 5                         |
| ELECTRICAL CHARACTERISTICS     |  |                           |
| Rated voltage                  | DIN EN 60664-1 / IEC 60664-1                           | 400V                      |
| Rated impulse voltage          | DIN EN 60664-1 / IEC 60664-1                           | 6000V                     |
| Rated current at 40°C          |  | 20 A                      |
| Voltage proof                  | DIN EN 60512-2, Test 4a / IEC 60512-2, Test 4a         | 3.510 V                   |
| Installation category          | DIN EN 60664-1 / IEC 60664-1                           | III                       |
| Insulation group               | DIN EN 60664-1 / IEC 60664-1                           | II                        |
| Insulation resistance          | DIN EN 60512-2, Test 3a / IEC 60512-2, Test 3a         | ≥ 10 <sup>12</sup>        |
| Contact resistance             | DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a          | ≤ 2 mΩ                    |
| Clearance                      |  | 5,8 mm                    |
| Creepage                       |  | 5,8 mm                    |
| Current carrying capacity      | DIN EN 60512-3, Test 5b / IEC 60512-2 Test 5b          | see derating curves       |
| Pollution degree               | DIN EN 60664-1 / IEC 60664-1                           | 3                         |
| CLIMATICAL CHARACTERISTICS     |  |                           |
| Climatic category              | DIN EN 60068-1 / IEC 60068-1                           | 40 / 125 / 21             |
| Upper temperature              |  | + 125 °C                  |
| Lower temperature              |  | - 40 °C                   |
| MECHANICAL CHARACTERISTICS     |  |                           |
| IP degree of protection        | DIN EN 60529 / IEC 60529                               | IP00 unmated              |
| Insertion and withdrawal force | DIN EN 60512-13-2, Test 13b / IEC 60512-13-2, Test 13b | 25-30 N                   |
| Mechanical lifetime            |  | ≥ 500 mating cycles       |
| MATERIALS                      |  |                           |
| Contacts                       |  | Cu-alloy                  |
| Insert                         |  | PA 6.6                    |
| Colour                         |  | black                     |
| Contact plating                |  | silver plated             |
| FURTHER CHARACTERISTICS        |  |                           |
| Termination                    |  | crimp                     |
| Wire gauge                     |  | 0,5 - 4,0 mm <sup>2</sup> |
| Flammability                   | UL 94  | V-0                       |

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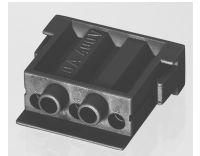
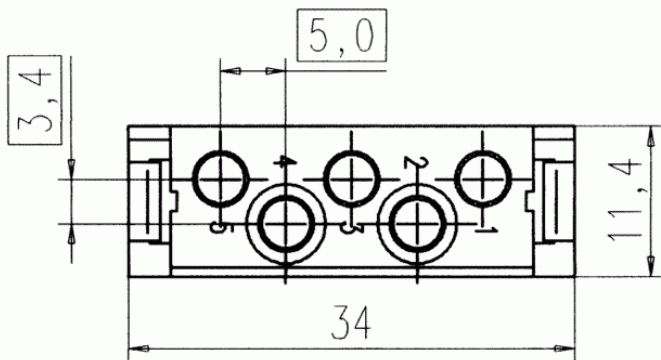
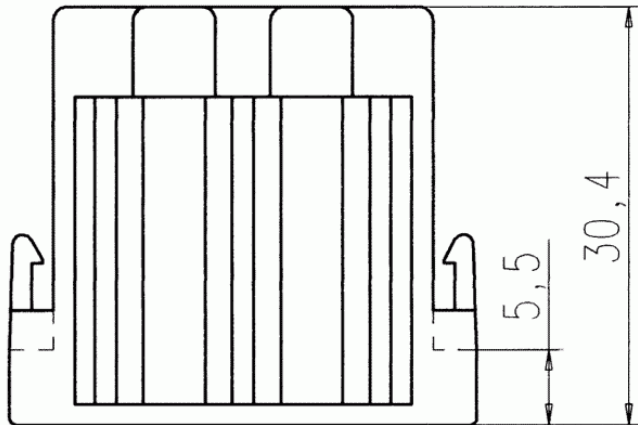


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Maßzeichnung Dimensions in mm (Inch)

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