

heavy|mate® - C146 F Socket module 3 pole

Part No. C146 10B003 500 15

Socket module 3 pole

Series Heavy duty connectors heavy|mate® - C 146

Subseries Heavy duty connector heavy|mate® - C146 F



View represents all available contact positions.

COMMON CHARACTERISTICS

| | | |
|-----------------|--|----------------------|
| No. of contacts | | 3 |
| Type of contact | | Turned crimp contact |
| Sex of Contact | | Socket |

ELECTRICAL CHARACTERISTICS

| | | |
|-----------------------|--|----------------|
| Rated voltage | DIN EN 60664-1 / IEC 60664-1 | 830V |
| Rated impulse voltage | DIN EN 60664-1 / IEC 60664-1 | 8000V |
| 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 | $\geq 10^{10}$ |
| Contact resistance | DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a | < 5 m |
| Pollution degree | DIN EN 60664-1 / IEC 60664-1 | 3 |

CLIMATICAL CHARACTERISTICS

| | | |
|-------------------|------------------------------|---------------|
| Climatic category | DIN EN 60068-1 / IEC 60068-1 | 40 / 125 / 21 |
|-------------------|------------------------------|---------------|

MECHANICAL CHARACTERISTICS

| | | |
|--------------------------------|--|--------------------------|
| IP degree of protection | DIN EN 60529 / IEC 60529 | IP20 unmated |
| Insertion and withdrawal force | DIN EN 60512-13-2, Test 13b / IEC 60512-13-2, Test 13b | 30 - 40 N |
| Mechanical lifetime | | ≥ 500 mating cycles |

MATERIALS

| | | |
|-----------------|--|-----------------------------|
| Contacts | | CuZn |
| Insert | | PA 6.6 |
| Colour | | black |
| Contact plating | | silver plated / gold plated |
| Male contact | | CuZn |
| Female contact | | CuZn |

FURTHER CHARACTERISTICS

| | | |
|------------------|-------|---|
| Termination | | crimp |
| Wire gauge | | 1,5 mm ² - 6,0 mm ² |
| Wire gauge (AWG) | | 16 - 10 |
| Flammability | UL 94 | V-0 |

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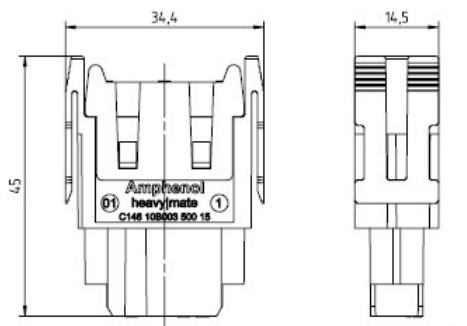
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Drawing Dimensions in mm (Inch)