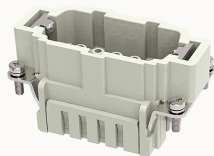


## Overview

### Product information



**DE-010-MC-21020000031**

Heavy-duty insert, Number of contacts: 10+PE, Dimension: 10B, Rated voltage :500V, Rated current: 16A, Male insert, Crimping connector

### Product advantages

- ✓Crimping connection technology, high wiring efficiency
- ✓Suitable for vibration occasions;
- ✓The wiring harness can be pre-installed;
- ✓Choose contacts with different wire diameters and coatings;
- ✓High-density pins, saving installation space;
- ✓With grounding protection.

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Marking

|                |        |
|----------------|--------|
| classification | Insert |
| Series         | DE     |

### versions

|                     |                     |
|---------------------|---------------------|
| Connection method   | Crimping connection |
| Female/Male         | Male                |
| Dimension           | 10B                 |
| Number of positions | 10                  |

|             |     |
|-------------|-----|
| PE Contacts | Yes |
|-------------|-----|

Material characteristics

|                     |                             |
|---------------------|-----------------------------|
| Material（insert）    | Polycarbonate（PC）           |
| Materia（Contact）    | Copper alloy                |
| Surface（Contact）    | Silver plated/gold plated   |
| Flammability rating | V-0                         |
| color               | Grey/White（RAL 7032）        |
| RoHS                | Comply with RoHS exemptions |

Electrical parameters

|                                            |                         |
|--------------------------------------------|-------------------------|
| Rated current                              | 16A                     |
|                                            | 500V                    |
| Rated pulse voltage                        | 6KV                     |
| Pollution level                            | 3                       |
| On the basis of UL /CSARated current       | 600V                    |
| Insulation resistance                      | ≥10000MΩ                |
| Contact resistance                         | ≤1mΩ                    |
| Temperature range                          | -40℃~+125℃              |
| working life-mating cycles                 | ≥500 time               |
| Strip length                               | 7.5mm                   |
| Conductor cross sections（mm <sup>2</sup> ） | 0.14-4.0mm <sup>2</sup> |
| Conductor cross sections(AWG)              | 26-12AWG                |

Standards

|                            |                           |
|----------------------------|---------------------------|
| Connection meets standards | DIN EN 60664 DIN EN 61984 |
|----------------------------|---------------------------|

Accessories

Accessories

|                            |   |
|----------------------------|---|
| Crimping tool Removal tool | / |
|----------------------------|---|

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 21020000031 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 45          |