

## Overview

## Product information

**DD-007-MC-21020000108**

Heavy-duty insert, Number of contacts: 7+PE, Dimension: 3A, Rated voltage : 250V, Rated current: 10A, 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         | DD     |

## versions

|                     |                     |
|---------------------|---------------------|
| Connection method   | Crimping connection |
| Female/Male         | Male                |
| Dimension           | 3A                  |
| Number of positions | 7                   |

|             |     |
|-------------|-----|
| 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                               | 10A                     |
|                                             | 250V                    |
| Rated pulse voltage                         | 4KV                     |
| Pollution level                             | 3                       |
| On the basis of UL /CSARated current        | 600V                    |
| Insulation resistance                       | ≥10000MΩ                |
| Contact resistance                          | ≤3mΩ                    |
| Temperature range                           | -40℃~+125℃              |
| working life-mating cycles                  | ≥500 time               |
| Strip length                                | 6-8mm                   |
| Conductor cross sections (mm <sup>2</sup> ) | 0.14-2.5mm <sup>2</sup> |
| Conductor cross sections(AWG)               | 26-14AWG                |

Standards

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

Accessories

Accessories

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

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 21020000108 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 7.48        |