

## Overview

### Product information



**DQ-012-MC-21020000091**

Heavy-duty insert, Number of contacts: 12+PE, Dimension: 3A, Rated voltage :400V, 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         | DQ     |

### versions

|                     |                     |
|---------------------|---------------------|
| Connection method   | Crimping connection |
| Female/Male         | Male                |
| Dimension           | 3A                  |
| Number of positions | 12                  |

|             |     |
|-------------|-----|
| 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         |
|                                      | 400V        |
| Rated pulse voltage                  | 6KV         |
| 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                         | 7.5mm       |
| Conductor cross sections（mm²）        | 0.14-2.5mm² |
| 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                        | 21020000091 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 23          |