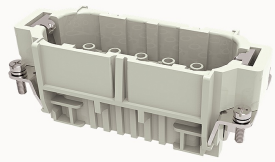
## Overview

### Product information



# DD-040-MC-21020000016

Heavy-duty insert,Number of contacts:40+PE,Dimension:16B,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 | 16B |
| Number of positions | 40 |

| | |
|---|---|
| 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（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 | 21020000016 |
| Packing unit | 100 |
| Minimum order quantity | 5 |
| Products weight (without packaging) | 50.97 |