

## Overview

### Product information



## DEE-018-FC-21020000050

Heavy-duty insert, Number of contacts: 18+PE, Dimension: 10B, Rated voltage :500V, Rated current: 16A, Female 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         | DEE    |

### versions

|                     |                     |
|---------------------|---------------------|
| Connection method   | Crimping connection |
| Female/Male         | Female              |
| Dimension           | 10B                 |
| Number of positions | 18                  |

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

Material characteristics

|                     |                             |
|---------------------|-----------------------------|
| Material (insert)   | Polycarbonate (PC)          |
| Material (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 (mm²)       | 0.14-4.0mm² |
| 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                        | 21020000050 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 46.42       |