


Part number

# RDF 40



Female insert, RD series, crimp connection, 40 poles + PE, 10 A 250 V 4 kV 3, size "77.27", HNM - High Number of Matings version

#### Product description

|                        |  |
|------------------------|--|
| <b>Product type</b>    | Insert   |
| <b>Series</b>          | RD   |
| <b>Connection type</b> | Crimp connection   |
| <b>Gender</b>          | Female   |
| <b>N. of poles</b>     | 40 poles +  |
| <b>Size</b>            | Size 77.27   |
| <b>Specification</b>   | HNM - High Number of Matings version   |

#### Technical data

|  |  |
|--|--|
| <b>Current</b>                           | 10 A   |
| <b>Voltage</b>                           | 250 V  |
| <b>Rated impulse withstand voltage</b>   | 4 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600 V  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

#### Further technical details

|   |                    |
|---|--------------------|
| <b>Mating cycles</b>                          | ≥ 10000            |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ            |
| <b>Contact resistance</b>                     | ≤ 3 mΩ             |
| <b>Weight</b>                                 | 62,70 g            |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C |
| <b>UL 94 flammability rating</b>              | V-0                |

#### Material properties

|                              |                    |
|------------------------------|--------------------|
| <b>Main material</b>         | Polycarbonate (PC) |
| <b>Colour</b>                | RAL 7032 grey      |
| <b>RoHs conformity</b>       | Compliant          |
| <b>China RoHs - EFUP</b>     | E                  |
| <b>REACH SVHC substances</b> | No                 |

#### Approvals / Standards

|                       |              |
|-----------------------|--------------|
| <b>Certifications</b> | DNV, BV, EAC |
| <b>UL</b>             | ECBT2        |
| <b>cUL</b>            | ECBT8        |

#### General ordering information

|                   |               |
|-------------------|---------------|
| <b>EAN13 code</b> | 8015747255448 |
| <b>eCl@ss 8.1</b> | 27440205      |
| <b>ETIM 7.0</b>   | EC000438      |

#### Packaging Information

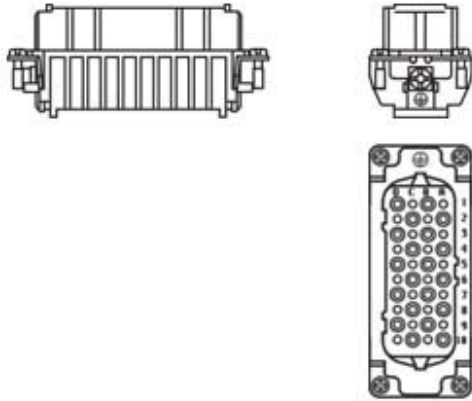
|                                  |                      |
|----------------------------------|----------------------|
| <b>Packaging length</b>          | 230,00 mm            |
| <b>Packaging height</b>          | 110,00 mm            |
| <b>Packaging width</b>           | 180,00 mm            |
| <b>Packaging weight</b>          | 2,22 kg              |
| <b>Packaging volume</b>          | 4,55 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 30 Pcs               |
| <b>Packaging EAN code</b>        | 8015747257152        |
| <b>Sub-packaging length</b>      | 87,00 mm             |
| <b>Sub-packaging height</b>      | 36,00 mm             |
| <b>Sub-packaging width</b>       | 180,00 mm            |
| <b>Sub-packaging weight</b>      | 0,37 kg              |
| <b>Sub-packaging volume</b>      | 0,56 dm <sup>3</sup> |
| <b>Sub-packaging description</b> | Carton tray          |
| <b>Sub-packaging quantity</b>    | 5 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747257169        |

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## Catalogue drawings



## Derating curves

