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Part Number:

0462355002

Status:

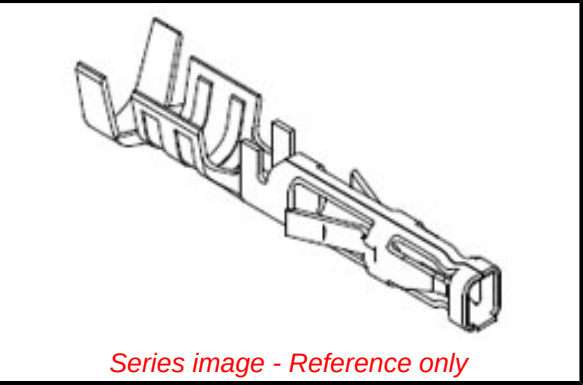
Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit RMF™ High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.76µm Selective Gold (Au) over Nickel (Ni), 20-24 AWG, with Lubricant



|                                                          |                                                      |
|----------------------------------------------------------|------------------------------------------------------|
| Documents:                                               |                                                      |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary TS-46235-501 (PDF)</a>      |
| <a href="#">Product Specification PS-46235-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Test Summary TS-46235-001 (PDF)</a>          | <a href="#">Product Literature (PDF)</a>             |

|                                    |                                                                                    |
|------------------------------------|------------------------------------------------------------------------------------|
| <b>General</b>                     |                                                                                    |
| Product Family                     | Crimp Terminals                                                                    |
| Series                             | 46235                                                                              |
| Application                        | Power                                                                              |
| Comments                           | 90% increase in mating cycles (250 cycles) and up to 50% reduction in mating force |
| Crimp Quality Equipment            | Yes                                                                                |
| Overview                           | <a href="#">Micro-Fit 3.0™ Connectors</a>                                          |
| Product Literature Order No        | 987650-5984                                                                        |
| Product Name                       | Micro-Fit RMF™                                                                     |
| UPC                                | 883906382384                                                                       |
| <b>Physical</b>                    |                                                                                    |
| Durability (mating cycles max)     | 250                                                                                |
| Gender                             | Female                                                                             |
| Material - Metal                   | Copper-Zinc-Tin                                                                    |
| Material - Plating Mating          | Gold                                                                               |
| Material - Plating Termination     | Nickel                                                                             |
| Net Weight                         | 0.046/g                                                                            |
| Packaging Type                     | Reel                                                                               |
| Plating min - Mating               | 0.762µm                                                                            |
| Plating min - Termination          | 1.270µm                                                                            |
| Termination Interface: Style       | Crimp or Compression                                                               |
| Wire Insulation Diameter           | 1.85mm max.                                                                        |
| Wire Size AWG                      | 20, 22, 24                                                                         |
| Wire Size mm²                      | N/A                                                                                |
| <b>Electrical</b>                  |                                                                                    |
| Current - Maximum per Contact      | 5.0A                                                                               |
| <b>Material Info</b>               |                                                                                    |
| <b>Reference - Drawing Numbers</b> |                                                                                    |
| Product Specification              | PS-46235-001                                                                       |
| Sales Drawing                      | SD-46235-001                                                                       |
| Test Summary                       | TS-46235-001, TS-46235-501                                                         |

|                                                                                               |                   |
|-----------------------------------------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                                                 |                   |
| Not Relevant                                                                                  |                   |
| <b>EU RoHS</b>                                                                                | <b>China RoHS</b> |
| Compliant                                                                                     |                   |
| <b>REACH SVHC</b>                                                                             |                   |
| Contains SVHC(17. December 2014): No                                                          |                   |
| <b>Halogen-Free</b>                                                                           |                   |
| <b>Status</b>                                                                                 |                   |
| Low-Halogen                                                                                   |                   |
| <b>Need more information on product environmental compliance?</b>                             |                   |
| Email <a href="mailto:productcompliance@molex.com">productcompliance@molex.com</a>            |                   |
| Please visit the <a href="#">Contact Us</a> section for any non-product compliance questions. |                   |
| China ROHS                                                                                    | Green Image       |
| ELV                                                                                           | Not Relevant      |

Search Parts in this Series

46235 Series

Mates With

43031 Micro-Fit 3.0™ Male Crimp Terminals

Use With

43025 , 43645 Micro-Fit 3.0™ Receptacle Housings, 44133 Micro-Fit BMI™ Panel Mount Receptacle Housings

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

|                                |            |
|--------------------------------|------------|
| Description                    | Product #  |
| FineAdjust™                    | 0639001400 |
| Applicator for Low Force Crimp |            |

|                                                                                                   |                                            |
|---------------------------------------------------------------------------------------------------|--------------------------------------------|
| Terminals, 20-24<br>AWG Wire<br>T2 Terminator                                                     | <u>0639101400</u>                          |
| Tooling to be used<br>with Low Force<br>Crimp Terminals,<br>20-24 AWG Wire<br>Hand Crimp Tool for |                                            |
| Low Force Crimp<br>Terminals<br>Extraction Tool                                                   | <u>0638192900</u><br><br><u>0011030043</u> |

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