

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0462355003

Status:

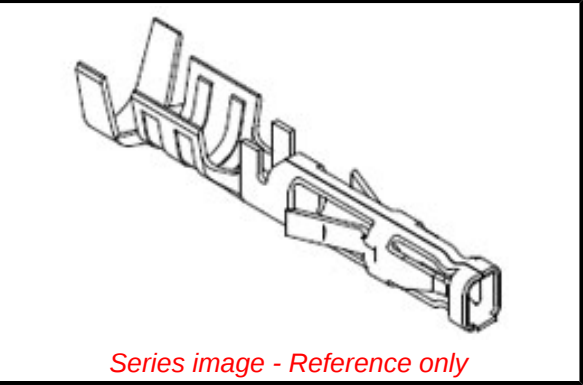
Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit RMF™ High Mating Cycle, Reduced Mating Force, Crimp Terminal, Female, with 0.38µm Selective Gold (Au) over Nickel (Ni), 26-30 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>             |

|                                |                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------|
| General                        |                                                                                    |
| 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                            | 883906382391                                                                       |
| Physical                       |                                                                                    |
| 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           | 0.381µm                                                                            |
| Plating min - Termination      | 1.270µm                                                                            |
| Termination Interface: Style   | Crimp or Compression                                                               |
| Wire Insulation Diameter       | 1.27mm max.                                                                        |
| Wire Size AWG                  | 26, 28, 30                                                                         |
| Wire Size mm²                  | N/A                                                                                |
| Electrical                     |                                                                                    |
| Current - Maximum per Contact  | 5.0A                                                                               |
| Material Info                  |                                                                                    |
| Reference - Drawing Numbers    |                                                                                    |
| Product Specification          | PS-46235-001                                                                       |
| Sales Drawing                  | SD-46235-001                                                                       |
| Test Summary                   | TS-46235-001, TS-46235-501                                                         |

|                                                                                               |              |
|-----------------------------------------------------------------------------------------------|--------------|
| EU ELV                                                                                        |              |
| Not Relevant                                                                                  |              |
| EU RoHS                                                                                       | China RoHS   |
| Compliant                                                                                     |              |
| REACH SVHC                                                                                    |              |
| Contains SVHC(2015 June 15): No                                                               |              |
| Halogen-Free                                                                                  |              |
| Status                                                                                        |              |
| Low-Halogen                                                                                   |              |
| Need more information on product environmental compliance?                                    |              |
| 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 #  |
|---------------------------------|------------|
| Extraction Tool                 | 0011030043 |
| FineAdjust™ for Low Force Crimp | 0639001300 |

Terminal, 26-30  
AWG Wire  
Hand Crimp Tool for 0638192900  
Low Force Crimp  
Terminals  
T2 Terminator 0639101300  
Tooling Die for Crimp  
Terminal, 26-30  
AWG Wire

This document was generated on 09/09/2015

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**