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**Part Number:** **0430251010**  
**Status:** **Active**  
**Overview:** Micro-Fit Connector System  
**Description:** Micro-Fit 3.0 Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>   | <a href="#">Test Summary 430450005-TS-000 (PDF)</a>  |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Test Summary 430450006-TS-000 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Test Summary TS-43045-001-001 (PDF)</a>  |
| <a href="#">Product Specification 430450001-PS-KO-000 (PDF)</a>  | <a href="#">Test Summary TS-43045-003-001 (PDF)</a>  |
| <a href="#">Product Specification 430450001-PS-SP-000 (PDF)</a>  | <a href="#">Test Summary TS-46235-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-43045-001 (PDF)</a>         | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Application Specification 430250000-AS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification PK-43025-001-001 (PDF)</a>   |  |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

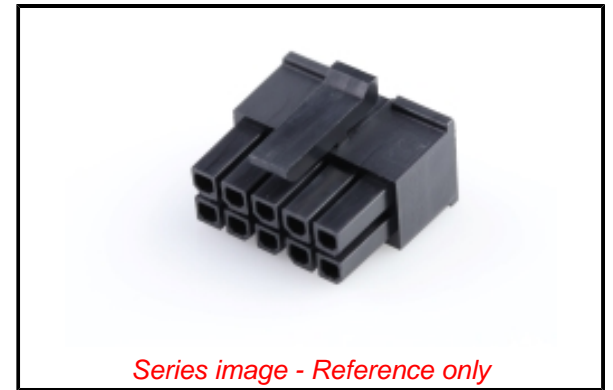
**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <u>43025</u>  |
| Application    | Power, Wire-to-Board, Wire-to-Wire  |
| Comments       | This Molex product is manufactured from material that has the following ratings, tested by independent agencies: <br>a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. <br>b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <br><br>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <br><br>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |

|              |                                   |
|--------------|-----------------------------------|
| Overview     | <u>Micro-Fit Connector System</u> |
| Product Name | Micro-Fit 3.0                     |
| UPC          | 889056719995                      |

**Physical**

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 10         |
| Color - Resin         | Black      |
| Flammability          | 94V-2      |
| Gender                | Receptacle |
| Glow-Wire Capable     | Yes        |
| Keying to Mating Part | None       |
| Lock to Mating Part   | Yes        |
| Material - Resin      | Nylon      |
| Net Weight            | 0.904/g    |
| Number of Rows        | 2          |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

43025 Series

**Mates With**

Micro-Fit 3.0 Plug Housings 43020 <br>Micro-Fit 3.0 Headers 43045 <br>Micro-Fit 3.0 Test Plug 44242 <br>Micro-Fit 3.0 Cable Assembly 214757 , 214758

**Use With**

Micro-Fit 3.0 Female Crimp Terminals 43030 , 45773 <br>Micro-Fit RMF Female Crimp Terminals 46235 <br>Micro-Fit 3.0 Pre-Crimped Leads 797580002 , 797580004 , 797580010 , 797580012 , 214760 , 214761

|                               |                |
|-------------------------------|----------------|
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 3.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                           |  |
|---------------------------|--|
| Application Specification | 430250000-AS-000   |
| Packaging Specification   | PK-43025-001-001   |
| Product Specification     | 430450001-PS-KO-000, 430450001-PS-SP-000,<br>PS-43045-001                                      |
| Sales Drawing             | SD-43025-002-001   |
| Test Summary              | 430450005-TS-000, 430450006-TS-000,<br>TS-43045-001-001, TS-43045-003-001,<br>TS-46235-001-001 |

This document was generated on 06/26/2021

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