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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:

3D Model	Test Summary 430450005-TS-000 (PDF)
Drawing (PDF)	Test Summary 430450006-TS-000 (PDF)
3D Model (PDF)	Test Summary TS-43045-001-001 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Test Summary TS-43045-003-001 (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	Test Summary TS-46235-001-001 (PDF)
Product Specification PS-43045-001 (PDF)	Datasheet (PDF)
Application Specification 430250000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-43025-001-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

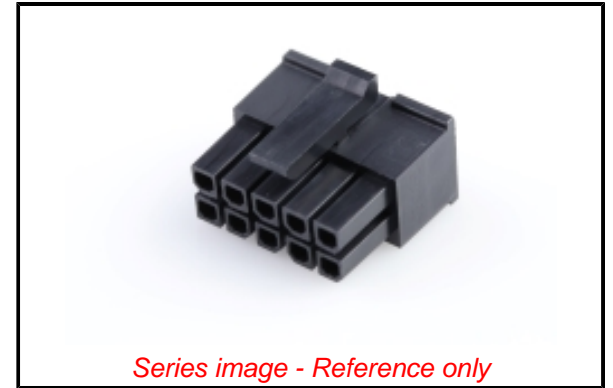
General

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: a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. 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. 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). 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
Taxonomy	Connector Housings
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Micro-Fit 3.0 Headers 43045

Micro-Fit 3.0 Test Plug 44242

Micro-Fit 3.0 Cable Assembly 214757 , 214758

Use With

Micro-Fit 3.0 Female Crimp Terminals 43030 , 45773

Micro-Fit RMF Female Crimp Terminals 46235

Micro-Fit 3.0 Pre-Crimped Leads 797580002 , 797580004 , 797580010 , 797580012 , 214760 , 214761

Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°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, PS-43045-001
Sales Drawing	SD-43025-002-001
Test Summary	430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-003-001, TS-46235-001-001

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