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Part Number: **0436400210**
Status: **Active**
Overview: Micro-Fit Connector System
Description: Micro-Fit 3.0 Plug Housing, Single Row, 2 Circuits, UL 94V-2, Panel Mount Ears, 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 436500001-PS-JA-000 (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification 436500001-PS-KO-000 (PDF)	Test Summary TS-43045-003-001 (PDF)
Product Specification 436500001-PS-SP-000 (PDF)	Test Summary TS-46235-001-001 (PDF)
Product Specification PS-43650-001 (PDF)	Datasheet (PDF)
Packaging Specification PK-43640-003-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980

General

Product Family Crimp Housings
Series [43640](#)
Application Power, 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.

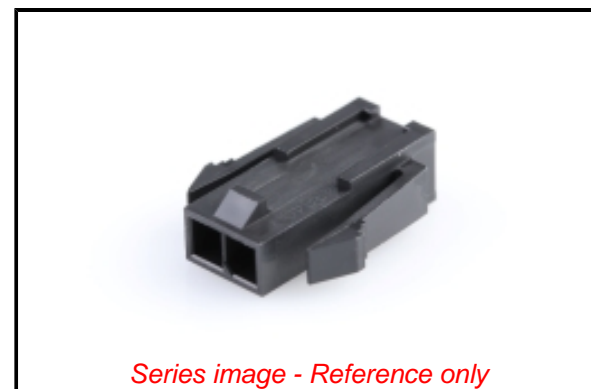
The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).

If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

Overview [Micro-Fit Connector System](#)
Product Name Micro-Fit 3.0
UPC 889056721745

Physical

Circuits (maximum) 2
Color - Resin Black
Flammability 94V-0
Gender Plug
Glow-Wire Capable Yes
Keying to Mating Part None
Lock to Mating Part Yes
Material - Resin Nylon
Net Weight 0.391/g
Number of Rows 1
Packaging Type Bag



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 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

[43640 Series](#)

Mates With

Micro-Fit 3.0 Receptacle Housing [43645](#)

Micro-Fit TPA Cable Assembly [145132](#)

Micro-Fit 3.0 Cable Assembly [214750](#) ,
[214751](#)

Use With

Micro-Fit 3.0 Crimp Terminals [43031](#)

Micro-Fit 3.0 Pre-Crimped Lead [214762](#) ,
[214763](#)

Panel Mount	Yes
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-43640-003-001
Product Specification	436500001-PS-JA-000, 436500001-PS-KO-000, 436500001-PS-SP-000, PS-43650-001
Sales Drawing	SD-43640-002-001
Test Summary	430450005-TS-000, 430450006-TS-000, TS-43045-001-001, TS-43045-002-001, TS-43045-003-001, TS-46235-001-001

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