

This document was generated on 02/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0430450626

Status: **Active**

Micro-Fit Connector System Overview:

Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 6 Circuits, with PCB Press-fit

Metal Retention Clip, Gold, Glow-Wire Capable, Black

Documents:

3D Model 3D Model (PDF) Test Summary TS-43045-002-001 (PDF) Test Summary TS-46235-001-001 (PDF) Drawing (PDF)

Product Specification 430450001-PS-KO-000 (PDF)

Product Specification 430450001-PS-SP-000 (PDF)

Product Specification PS-43045-001 (PDF)

Packaging Specification PK-70873-0314-001 (PDF)

Test Summary 430450006-TS-000 (PDF)

Test Summary TS-43045-001-001 (PDF)

Datasheet (PDF)

Symbol Footprint Data SYM-43045-0624-001 (PDF) Symbol Footprint Data SYM-43045-06246-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers Series 43045

Application Power, Wire-to-Board Comments

"""""High Temperature|Square Pin|Offset Through Hole Mounting|Solder Type<P><P>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. <P><P> 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). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for

possible product options """""""

Micro-Fit Connector System

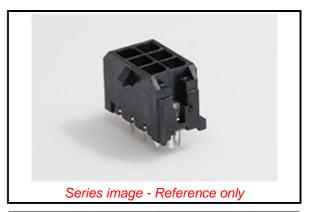
Micro-Fit 3.0 800753816367

Physical

UPC

Overview **Product Name**

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Capable Yes Mated Height 17.64mm



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

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

July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit Contact US

China ROHS Green Image **ELV** Not Relevant **RoHS Phthalates** Not Contained

Search Parts in this Series

43045 Series

Mates With

Micro-Fit 3.0 Receptacle Housing 43025

dicro-Fit 3.0 TPA Receptacle Housing 172952
 Micro-Fit 3.0 Cable Assembly 214755, 214756

Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 1.078/g Number of Rows 2 Orientation Vertical **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating $0.762 \mu m$ Polarized to PCB Yes Shrouded Fully Stackable No Surface Mount Compatible (SMC) Yes

Temperature Range - Operating -40° to +125°C

Termination Interface: Style Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact 8.5A Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 030

Lead-freeProcess Capability SMC&WAVE

Max. Cycles at Max. Process Temperature 003
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-70873-0314-001

Product Specification 430450001-PS-KO-000, 430450001-PS-SP-000,

PS-43045-001

Sales Drawing SD-43045-009-001

Symbol/Footprint Data SYM-43045-0624-001, SYM-43045-0624_6-001 Test Summary 430450006-TS-000, TS-43045-001-001,

TS-43045-002-001, TS-46235-001-001

This document was generated on 02/04/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

43045-0626