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Part Number: 0430450214

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 2 Circuits, with PCB Polarizing

Peg, Gold, Glow Wire Capable, Black

Documents:

<u>3D Model</u> <u>Product Specification TS-46235-001-001 (PDF)</u>
<u>Drawing (PDF)</u> <u>Packaging Specification PK-70873-0314-001 (PDF)</u>

Product Specification PS-43045 (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification TS-43045-001-001 (PDF) Product Literature (PDF)

Product Specification TS-43045-002-001 (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family PCB Headers

Series <u>43045</u>

Application Power, Wire-to-Board Comments """"""High Temperatu

""""""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 3.0 Connector System Product Family

987650-5984 Micro-Fit 3.0

800753576766

UPC

Physical

Overview

Product Name

Product Literature Order No

Breakaway
No
Circuits (Loaded)
2
Circuits (maximum)
2
Color - Resin
Black
Durability (mating cycles max)
Flammability
94V-0
Glow-Wire Capable

Glow-Wire Capable

Mated Height

Material - Metal

Material - Plating Mating

S47

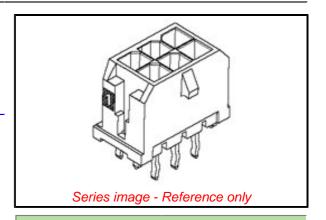
Yes

17.64mm

Brass

Material - Plating Mating

Gold



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
Please visit the <u>Contact Us</u> section for any non-product compliance questions.

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

43025

43025

43025

 Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.480/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 0.762µm Polarized to PCB Yes Shrouded Fully Stackable No

Temperature Range - Operating -40°C to +105°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

Surface Mount Compatible (SMC)

Packaging Specification PK-70873-0314-001

Product Specification PS-43045, TS-43045-001-001, TS-43045-002-001,

Yes

TS-46235-001-001

Sales Drawing SD-43045-005 Symbol/Footprint Data SYM-43045-021X

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