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Part Number: 0449140601

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

Description: Micro-Fit CPI™ Header, Capable Pin Interface, Dual Row, Vertical, 6 Circuits, Tin (Sn)

Plating, Glow Wire Capable

Documents:

Drawing (PDF)

3D Model

Product Specification TS-46235-001-001 (PDF)

Packaging Specification PK-70873-0314 (PDF)

Packaging Specification PK-70873-0314 (PDF)

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>44914</u>

Application Power, Wire-to-Board

Application Tooling Part Link 62200-8400 Application Tooling Part Link 62203-0455

Comments "High Temperature|Square Pin<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."

Overview Micro-Fit 3.0 Connector System Product Family

Product Literature Order No 987650-5984

Product Name Micro-Fit CPI™

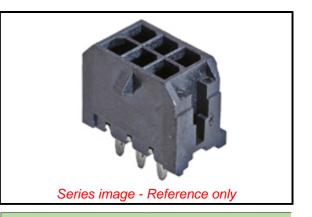
UPC 756054637661

Physical

Breakaway
No
Circuits (Loaded)
6
Circuits (maximum)
6
Color - Resin
Black
Durability (mating cycles max)
7
Flammability
94V-0
Glow-Wire Compliant
95

Material - Metal High Performance Alloy (HPA)

Material - Plating Mating Tin



EU ELV

Not Relevant

EU RoHS China RoHS

CompliantREACH SVHC

Not Contained Per -ED/01/2017 (12 January 2017) 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

44914 Series

Mates With

43025-0600 Micro-Fit 3.0™ Receptacle

Housing

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 0.974/g Number of Rows 2 Orientation Vertical **PCB** Locator Yes **PCB** Retention Yes Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 5.080µm Plating min - Termination 5.080µm Polarized to PCB Yes Shrouded Fully Stackable No

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

Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 5.0A Voltage - Maximum 600V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Surface Mount Compatible (SMC)

Packaging Specification PK-70873-0314

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

No

TS-46235-001-001

Sales Drawing SD-44914-002

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