

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 PS-43045 (PDF)

Product Specification PS-43045-001 (PDF)

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

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

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

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Application Tooling Part Link

Application Tooling Part Link

Comments

PCB Headers

44914

Power, Wire-to-Board

62200-8400

62203-0455

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. 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

44914 Series

Mates With

430250600 Micro-Fit 3.0 Receptacle Housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Compliant Pin Insertion Flat Rock Tool	622008400
Removal Tool	622030455

Overview

Product Literature Order No

Product Name

UPC

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 CPI

756054637661

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

6

6

Black

30

94V-0

Yes

High Performance Alloy (HPA)

Tin

Tin

High Temperature Thermoplastic

0.974/g

2

Vertical

Yes

Yes

Tray

3.00mm

5.080µm

5.080µm

Yes

Fully

No

No

-40° to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Voltage - Maximum

8.5A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

PK-70873-0314-001

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

SD-44914-002

SYM-44914-0601