

This document was generated on 08/24/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0436500916

Status: Active

Overview: Micro-Fit 3.0 Connector System Product Family

Description: Micro-Fit 3.0™ Vertical Header, 3.00mm Pitch, Single Row, 9 Circuits, with PCB

Polarizing Peg, Gold, Glow Wire Capable, Black

Documents:

3D ModelProduct Specification TS-46235-001-001 (PDF)Drawing (PDF)Packaging Specification PK-70873-0811 (PDF)Product Specification PS-43650 (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

Comments

Product Family PCB Headers
Series 43650
Application Power, Wire-to-Board

"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 a

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 enduse 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

987650-5984 Micro-Fit 3.0™ 756054674932

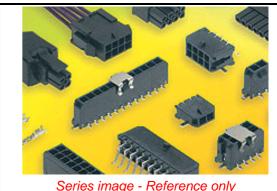
Physical

UPC

Product Name

Product Literature Order No

Breakaway No Circuits (Loaded) 9 Circuits (maximum) 9 Color - Resin Black Durability (mating cycles max) 30 Flammability 94V-0 Glow-Wire Compliant Yes Mated Height 17.27mm Material - Metal **Brass** Material - Plating Mating Gold



Series image - Neierend

China RoHS

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/01/2017 (12

January 2017)

Halogen-Free

Status

Low-Halogen
Need more information on product

environmental compliance?

Email productcompliance@molex.com

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

43650 Series

Mates With

43645 Micro-Fit 3.0™ Receptacle Housing

Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

Net Weight 1.447/g Number of Rows Orientation Vertical **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.60mm Packaging Type Tray Pitch - Mating Interface 3.00mm Plating min - Mating 0.381µm Plating min - Termination 2.540µm Yes

Plating min - Termination 2.540
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) Yes

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

Termination Interface: Style Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact 5.0A 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-70873-0811

Product Specification PS-43650, TS-43045-001-001, TS-43045-002-001,

TS-46235-001-001

Sales Drawing SD-43650-006

This document was generated on 08/24/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION