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Part Number:

0430450813

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Vertical Header, 3.00mm Pitch, Dual Row, 8 Circuits, with PCB Polarizing Peg, Gold, Glow Wire Capable, Black

Documents:

- 3D Model

Drawing (PDF)

Product Specification PS-43045 (PDF)

Packaging Specification PK-70873-0314 (PDF)
- Test Summary TS-43045-002 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

43045

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.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™ Connectors

987650-5984

Micro-Fit 3.0™

800754371889

Overview

Product Literature Order No

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Mated Height

Material - Metal

Material - Plating Mating

Material - Plating Termination

No

8

8

Black

30

94V-0

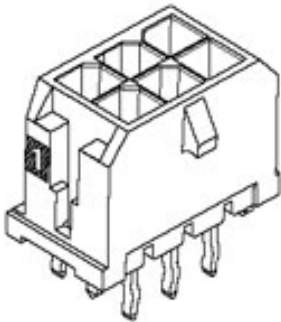
Yes

17.64mm

Brass

Gold

Tin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
ED/21/2016 (20 June  
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

43045 Series

Mates With

43025 Micro-Fit 3.0™ Receptacle Housing

Material - Resin	High Temperature Thermoplastic
Net Weight	1.217/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	0.381µm
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
<b>Electrical</b>	
Current - Maximum per Contact	5.0A
Voltage - Maximum	600V
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Packaging Specification	PK-70873-0314
Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43045-005
Test Summary	TS-43045-002

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