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Part Number:

0430451818

Status:

Active

Overview:

Micro-Fit 3.0 Connector System Product Family

Description:

Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 18 Circuits, with Solder Tab, Tin, Glow-Wire Capable, Black

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43045 \(PDF\)](#)

[Product Specification PS-43045-001 \(PDF\)](#)

[Product Specification TS-43045-001-001 \(PDF\)](#)

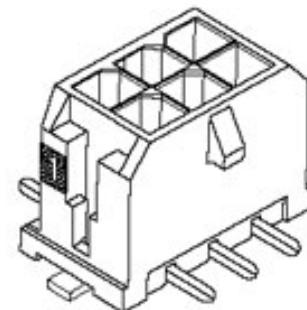
[Product Specification TS-46235-001-001 \(PDF\)](#)

[Packaging Specification PK-70873-05XX-002 \(PDF\)](#)

[Test Summary 430450004-TS-000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



Series image - Reference only

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

43045

Application

Power, Wire-to-Board

Comments

""""""High Temperature|Square Pin|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

Overview

Micro-Fit 3.0

Product Literature Order No

800754374941

Product Name

UPC

Physical

Breakaway

No

Circuits (Loaded)

18

Circuits (maximum)

18

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

Yes

Mated Height

17.64mm

Material - Metal

Brass

Material - Plating Mating

Tin

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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

43045 Series

Mates With

Micro-Fit 3.0 Receptacle Housing [43025](#)

Micro-Fit 3.0 TPA Receptacle Housing

[172952](#)

Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.635/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.254µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-05XX-002
Product Specification	PS-43045, PS-43045-001, TS-43045-001-001, TS-46235-001-001
Sales Drawing	SD-43045-007-001
Symbol/Footprint Data	SYM-43045-1818
Test Summary	430450004-TS-000

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Mouser Electronics

Authorized Distributor

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