

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:**

**0430450829**

**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 \(PDF\)](#)

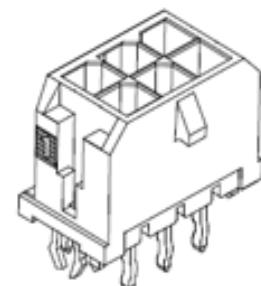
[Product Specification PS-43045 \(PDF\)](#)

[Packaging Specification PK-70873-0314 \(PDF\)](#)

[Test Summary TS-43045-002 \(PDF\)](#)

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

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



*Series image - Reference only*

**Agency Certification**

CSA  
UL

**General**

Product Family  
Series  
Application  
Comments

LR19980  
E29179

PCB Headers

[43045](#)

Power, Wire-to-Board

"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™

800753822603

Overview

Product Literature Order No

Product Name

UPC

**Physical**

Breakaway  
Circuits (Loaded)  
Circuits (maximum)  
Color - Resin  
Durability (mating cycles max)  
Flammability  
Glow-Wire Compliant  
Lock to Mating Part  
Mated Height  
Material - Metal  
Material - Plating Mating  
Material - Plating Termination  
Material - Resin

No

8

8

Black

30

94V-0

Yes

Yes

17.64mm

Brass

Gold

Tin

High Temperature Thermoplastic

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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](#)  
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](#)

Net Weight	1.217/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.18mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762µm
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

#### **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-70873-0314
Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43045-010
Test Summary	TS-43045-002

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