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Part Number: [0430450812](#)

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, Tin, Glow Wire Compliant, Black

Documents:

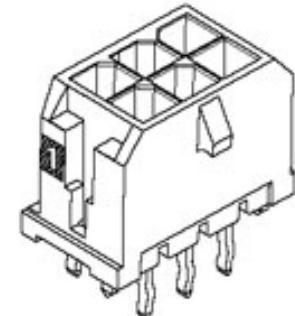
[3D Model](#)
[Drawing \(PDF\)](#)

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

[Test Summary TS-43045-001 \(PDF\)](#)

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

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



Series image - Reference only

Agency Certification

CSA
UL

LR19980
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™

800754371841

Overview

Product Literature Order No

Product Name

UPC

No

8

8

Black

30

94V-0

Yes

17.64mm

Brass

Tin

Tin

High Temperature Thermoplastic

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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	1.225/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	0.254µm
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

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43045-005
Test Summary	TS-43045-001

This document was generated on 03/03/2016

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