

molex 0430450818 pcb headers User Guide

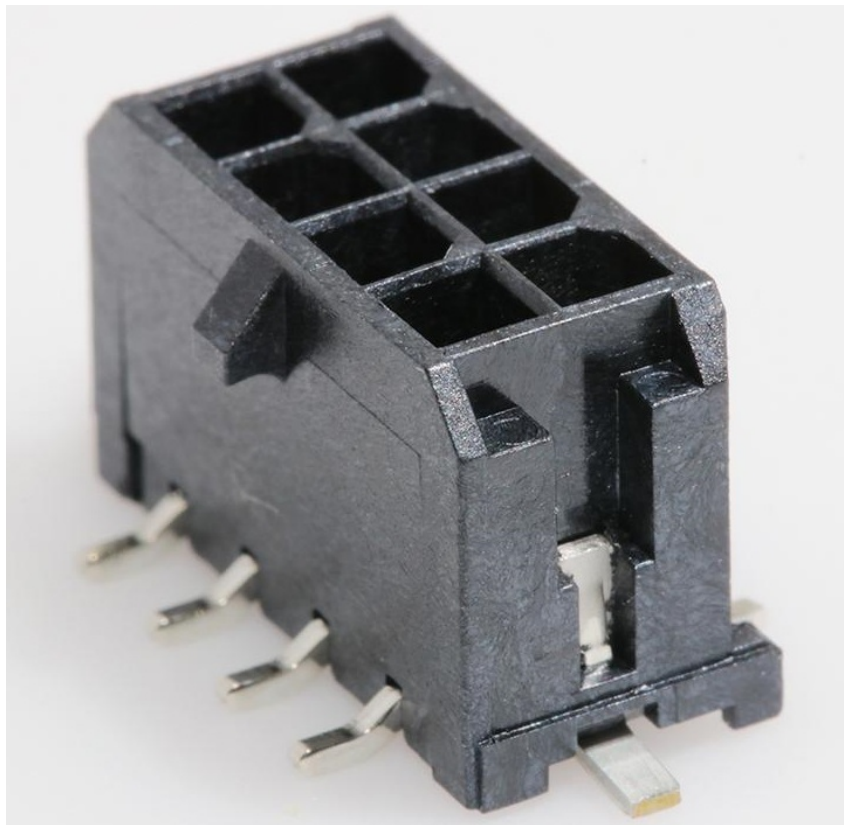
[Home](#) » [molex](#) » molex 0430450818 pcb headers User Guide 

molex®

Contents

- [1 molex 0430450818 pcb headers](#)
- [2 Documents:](#)
- [3 Overview](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)
- [5 Related Posts](#)

molex 0430450818 pcb headers



Documents:

- [3D Model \(PDF\)](#)
- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification 430450001-PS-KO-000 \(PDF\)](#)
- [Product Specification 430450001-PS-SP-000 \(PDF\)](#)
- [Product Specification PS-43045-001 \(PDF\)](#)
- [Packaging Specification 430450002-PK-000 \(PDF\)](#)
- [Test Summary 430450004-TS-000 \(PDF\)](#)
- [Test Summary TS-43045-001-001 \(PDF\)](#)
- [Test Summary TS-46235-001-001 \(PDF\)](#)
- [Datasheet \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

- CSA
LR19980
- UL
E29179

General

- Product Family
PCB Headers

- 43045

- ## Power, Wire-to-Board

- ## “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 Connector System

Micro-Fit 3.0

800754372046

- Product Name

- UPC

- Physical

- Breakaway

No

- Circuits (Loaded)

8

- Circuits (maximum)

8

- 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
- Part Number:
0430450818
- Status:
Active
- Overview:
Micro-Fit Connector System
- Description:
Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 8 Circuits, with Solder Tab, Tin, Glow-Wire Capable, Black, Tape and Reel
- Material – Plating Termination
Tin
- Material – Resin
High Temperature Thermoplastic
- Net Weight
1.458/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

For more information, please visit [Contact US](#)

- China ROHS
Green Image
- ELV
Not Relevant
- RoHS Phthalates
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. Micro-Fit 3.0 Cable Assembly 245132, 214755, 214756. Micro-Fit TPA Cable Assembly 45132

Electrical

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

Solder Process Data

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

Material Info

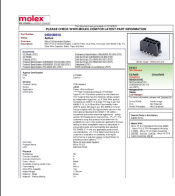
Reference – Drawing Numbers

- Packaging Specification
430450002-PK-000
- Product Specification
430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001
- Sales Drawing
SD-43045-007-001

- Test Summary
430450004-TS-000, TS-43045-001-001,
TS-46235-001-001

This document was generated on 07/19/2021
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Documents / Resources

	molex 0430450818 pcb headers [pdf] User Guide 0430450818 pcb headers, 0430450818, pcb headers, headers
---	---

References

-  [Creating Connections for Life | Molex](#)

Manuals+.