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**Part Number:** [0430450415](#)  
**Status:** **Active**  
**Overview:** [microfit\\_30](#)  
**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Vertical, with Press-fit Metal Retention Clip, 4 Circuits, Tin (Sn) Plating, Glow Wire Compatible

**Documents:**

[3D Model](#) [Product Specification PS-43045 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
TUV R72081037  
UL E29179

**General**

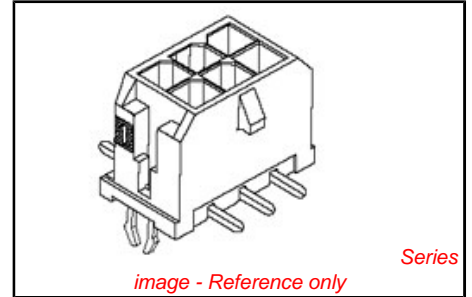
Product Family PCB Headers  
Series [43045](#)  
Application Power, Wire-to-Board  
Comments Glow Wire Equivalent Part Number [430450415](#). High Temperature, Square Pin, Solder Type [microfit\\_30](#)  
Overview USA-106  
Product Literature Order No Micro-Fit 3.0™  
Product Name

**Physical**

Breakaway No  
Circuits (Loaded) 4  
Circuits (maximum) 4  
Color - Resin Black  
Durability (mating cycles max) 30  
Flammability 94V-0  
Glow-Wire Compliant Yes  
Mated Height 17.27mm (.680")  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Rows 2  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.60mm (.063")  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 3.00mm (.118")  
Plating min - Mating 0.889µm (35µ")  
Plating min - Termination 0.889µm (35µ")  
Polarized to PCB Yes  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) N/A  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 5A



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[43045Series](#)

**Mates With**  
[43025](#)

Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 30  
Lead-free Process Capability Reflow Capable (SMT only)  
Max. Cycles at Max. Process Temperature 3  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-43555-001  
Packaging Specification PK-70873-05\*\*  
Product Specification PS-43045, RPS-43045-003, RPS-43045-004  
Sales Drawing SD-43045-006  
Test Summary TS-43045-001

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