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Part Number: [0430450418](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Vertical, with Solder Tab, 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

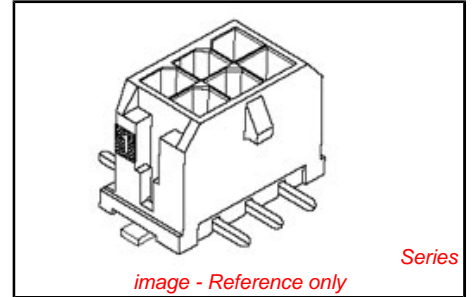
Product Family PCB Headers
Series [43045](#)
Application Power, Wire-to-Board
Comments Glow Wire Equivalent Part Number [430450418](#). High Temperature, Square Pin, Solder Type [microfit_30](#)
Overview USA-106
Product Literature Order No Micro-Fit 3.0™
Product Name

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

China RoHS



Need more information on product environmental compliance?

Email 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-43045-007
Test Summary TS-43045-001

This document was generated on 01/10/2011

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