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Part Number: [0436500212](#)
Status: **Active**
Overview: [microfit_30](#)
Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Right Angle, with Solder Tab, 2 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents:

[3D Model](#) [Product Specification PS-43650 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

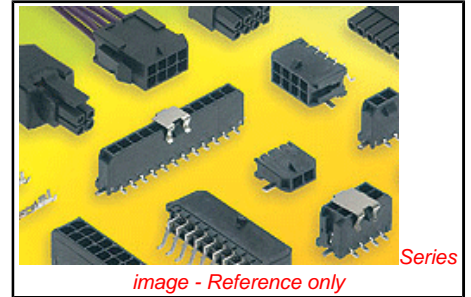
Product Family PCB Headers
Series [43650](#)
Application Power, Wire-to-Board
Comments Glow Wire Equivalent Part Number [436500212](#). High Temperature, Square Pin, Solder Type [microfit_30](#)
Overview USA-106
Product Literature Order No Micro-Fit 3.0™
Product Name

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Black
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant Yes
Mated Height 6.98mm (.275")
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 1
Orientation Right Angle
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 2.540µm (100µ")
Plating min - Termination 2.540µm (100µ")
Polarized to PCB Yes
Shrouded Fully
Stackable No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 5A
Voltage - Maximum 250V



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen</p>	<p>China RoHS</p>
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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
[43650Series](#)

Mates With
[43645 Micro-Fit 3.0™ Receptacle Housing](#)

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**

Product Specification	PS-43650
Sales Drawing	SD-43650-005

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