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**Part Number:** [0436500324](#)  
**Status:** **Active**  
**Overview:** [microfit\\_30](#)  
**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Vertical, with Solder Tab, 3 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 High Temperature|Square Pin|Solder Type  
Overview [microfit\\_30](#)  
Product Literature Order No USA-106  
Product Name Micro-Fit 3.0™

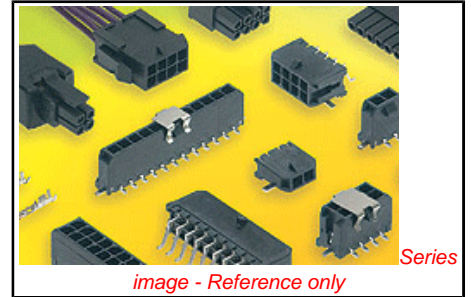
**Physical**

Breakaway No  
Circuits (Loaded) 3  
Circuits (maximum) 3  
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 1  
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 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

**Solder Process Data**



*image - Reference only*

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

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

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**

Packaging Specification	PK-70873-07**
Product Specification	PS-43650
Sales Drawing	SD-43650-009

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