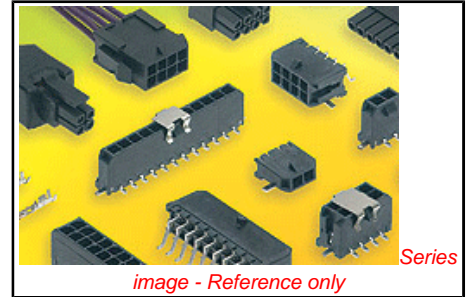


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**Part Number:** **0436500316**  
**Status:** **Active**  
**Overview:** microfit\_30  
**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Vertical, with PCB Polarizing Peg, 3 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Glow Wire Compatible



**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-43650 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification (PDF)</a>	

**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 Offset Through Hole Mounting Solder Type

**Overview**

Product Literature Order No	<u>microfit_30</u>
Product Name	USA-106 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	Gold
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	Tray
Pitch - Mating Interface	3.00mm (.118")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	2.540µm (100µ")
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

<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

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 30  
Lead-free Process Capability SMC & Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 3  
Process Temperature max. C 260

**Material Info**

Country of Origin MX, US

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0811  
Product Specification PS-43650  
Sales Drawing SD-43650-006  
Test Summary TS-43045-002

This document was generated on 11/17/2010

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