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Part Number:

0436500224

Status:

Active

Overview:

Micro-Fit, 3.0™

Description:

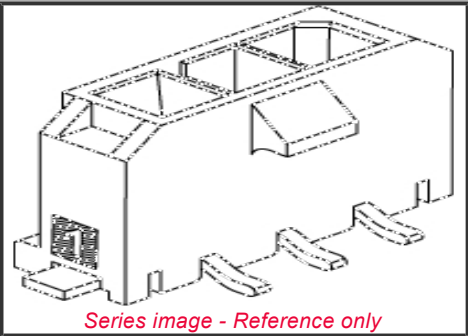
3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Single Row, Vertical, with Solder Tab, 2 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents:

Note - Please disable browser pop-up blockers for documents on [www.molex.com](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43650 \(PDF\)](#)



Series image - Reference only

**EU RoHS**  
ELV and RoHS  
Compliant

**REACH SVHC**  
Contains SVHC: No

**Halogen-Free  
Status**  
Halogen-Free

**China RoHS**



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Mates With

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

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General

Product Family	PCB Headers
Series	<a href="#">43650</a>
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number <a href="#">436500224</a> High Temperature, Square Pin, Solder Type
Overview	<a href="#">Micro-Fit, 3.0™</a>
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

<b>Physical</b>	
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 (in)	0.680 In
Mated Height (mm)	17.27 mm
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 (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Plating min: Mating (µin)	100, 35
Plating min: Mating (µm)	0.88, 2.5
Plating min: Termination (µin)	100, 35
Plating min: Termination (µm)	0.88, 2.5
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
<b>Electrical</b> (Please review the Product Specification for specific details.)	
Current - Maximum per Contact	5A
Voltage - Maximum	250V
<b>Agency Certification</b>	
CSA	LR19980
TUV	R72081037
UL	E29179

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-43650-009