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Part Number:

0436500624

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, 6 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents:

3D Model

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-43650 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

PCB Headers

43650

Wire-to-Board

Glow Wire Equivalent Part Number 436500624. High Temperature, Square Pin, Solder Type

Overview

Product Literature Order No

Product Name

Micro-Fit, 3.0™

USA-106

Micro-Fit 3.0™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

6

6

Black

30

94V-0

Yes

0.680 In

17.27 mm

Brass

Tin

Tin

High Temperature Thermoplastic

1

Vertical

Yes

Yes

0.062 In

1.60 mm

Embossed Tape on Reel

0.118 In

3.00 mm

100, 35

0.88, 2.5

100, 35

0.88, 2.5

Yes

Fully

No

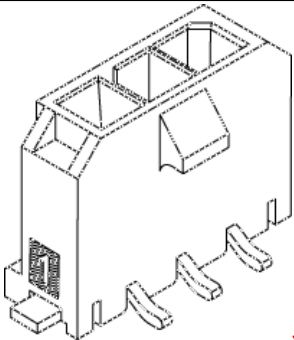
-40°C to +105°C

Surface Mount

Electrical

CSA

LR19980



Series
image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

43650Series

Mates With

43645 Micro-Fit 3.0™ Receptacle Housing

Current - Maximum	5A
TUV	R72081037
UL	E29179
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

Product Specification	PS-43650
Sales Drawing	SD-43650-009

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