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Part Number:

0436500218

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Vertical Header, 3.00mm Pitch, Single Row, 2 Circuits, with PCB Press-fit Metal Retention Clip, Tin, Glow Wire Capable, Black

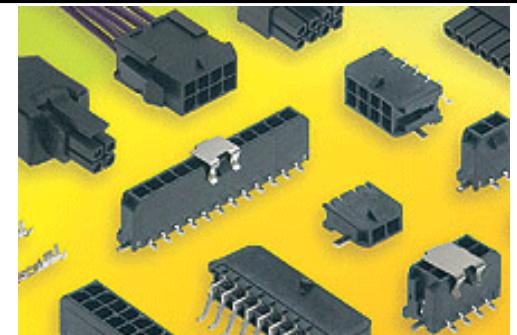
Documents:

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

[Packaging Specification PK-70873-0811 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



Series image - Reference only

Agency Certification

CSA
UL

LR19980
E29179

General

Product Family
Series
Application
Comments

PCB Headers

43650

Power, Wire-to-Board

"High Temperature|Square Pin|Offset Through Hole
Mounting|Solder Type<P><P>This Molex product is
manufactured from material that has the following
ratings, tested by independent agencies:.. a) A Glow
Wire Ignition Temperature (GWIT) of at least 775 deg
C per IEC 60695-2-13.. b) A Glow Wire Flammability
Index (GWFI) above 850 deg C per IEC 60695-2-12.and
hence complies with the requirements set out in the
International Standard IEC 60335-1 5th edition -
household and similar electrical appliances - safety,
section 30 Resistance to heat and fire. <P><P> The
customers using this product must determine its
suitability for use in their particular application through
testing or other acceptable means as described in
end-product glow-wire flammability test standard
IEC 60695-2-11 and any applicable product end-
use standard(s). <P> If it is determined during the
customer's evaluation of suitability, that higher
performance is required, please contact Molex for
possible product options."

[Micro-Fit 3.0™ Connectors](#)

987650-5984

Micro-Fit 3.0™

800754033824

Overview

Product Literature Order No

Product Name

UPC

No

2

2

Black

30

94V-0

Yes

17.27mm

Brass

Tin

Tin

High Temperature Thermoplastic

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

[Email productcompliance@molex.com](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[43650 Series](#)

Mates With

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

Net Weight	0.553/g
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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

Electrical

Current - Maximum per Contact	5.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0811
Product Specification	PS-43650
Sales Drawing	SD-43650-007

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