Molex Connector Part Number - 0430450618

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PCB Headers

Datasheet

Part Number:

0430450618

Status:

Active

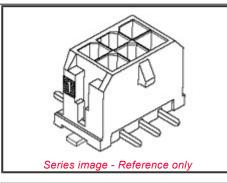
Overview:

Micro-Fit, 3.0™

Description:

3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount, Dual Row, Vertical, with Solder Tab, 6 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents: Note - Please disable browser pop-up blockers for documents on www.molex.com Product Specification PS-43045 (PDF) Drawing (PDF)



China RoHS

EU RoHS ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free Status

Halogen-Free

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 <u>Contact Us</u> section for any non-product compliance questions.

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Product Literature (PDF)

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GeneralPhysicalElectricalAgency CertificationSolder Process DataMaterial InfoReference - Drawing Numbers

General

Product Family	PCB Headers
Series	<u>43045</u>
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number <u>430450618</u> High Temperature, Square Pin, Solder Type
Overview	Micro-Fit, 3.0™
Product Literature Order No	USA-106
Product Name	Micro-Fit 3.0™

Physical

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Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	2
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 ln
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
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

Solder Process Data

Duration at Max. Process Temperature 30

(seconds)

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-43045, RPS-43045-003, RPS-43045-004

Sales Drawing SD-43045-007

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