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Part Number:

43045-0214

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit 3.0™ Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 2 Circuits, 0.76µm Gold (Au) Selective Plating, Glow Wire Compatible, with Kinked PC Tails, Glow Wire Compatible

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43045 (PDF)

Test Summary TS-43045-001 (PDF)

Test Summary TS-43045-002 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

TUV

R72081037

UL

E29179

General

Product Family

PCB Headers

Series

43045

Application

Power, Wire-to-Board

Comments

"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."

Overview

Micro-Fit 3.0™ Connectors

Product Literature Order No

987650-5984

Product Name

Micro-Fit 3.0™

UPC

800753576766

Physical

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

17.27mm

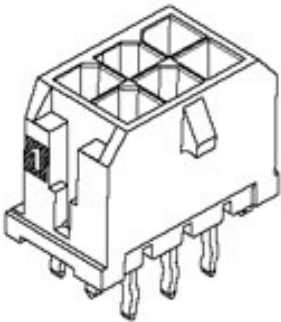


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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
43045Series

Mates With
43025 Micro-Fit 3.0™ Receptacle Housing

Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.480/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762μm
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	5A
Voltage - Maximum	600V

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

Reference - Drawing Numbers

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-43045-005
Test Summary	TS-43045-001, TS-43045-002