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Part Number:

0430452400

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Right-Angle Header, 3.00mm Pitch, Dual Row, 24 Circuits, with Snap-in Plastic Peg PCB Lock, Tin, Glow-Wire Capable, Black

Documents:

- [3D Model \(PDF\)](#)[3D Model](#)[Drawing \(PDF\)](#)[Product Specification PS-43045-001 \(PDF\)](#)[Application Specification AS-43045-001-001 \(PDF\)](#)[Packaging Specification PK-70873-0313-001 \(PDF\)](#)
- [Test Summary 430450004-TS-000 \(PDF\)](#)[Test Summary TS-43045-001-001 \(PDF\)](#)[Test Summary TS-46235-001-001 \(PDF\)](#)[Datasheet \(PDF\)](#)[Symbol Footprint Data SYM-43045-2400 \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

43045

Power, Wire-to-Board

High Temperature|Square Pin|Solder

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 Connector System

Micro-Fit 3.0

800753683310

Overview

Product Name

UPC

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Mated Height

Material - Metal

Material - Plating Mating

No

24

24

Black

30

94V-0

Yes

10.29mm

Brass

Tin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

43045 Series

Mates With

Micro-Fit 3.0 Receptacle Housing [43025](#)  
<br>Micro-Fit 3.0 TPA Receptacle Housing  
[172952](#)

Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.643/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.254µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
<b>Electrical</b>	
Current - Maximum per Contact	8.5A
Voltage - Maximum	600V
<b>Solder Process Data</b>	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Application Specification	AS-43045-001-001
Packaging Specification	PK-70873-0313-001
Product Specification	PS-43045-001
Sales Drawing	SD-43045-001
Symbol/Footprint Data	SYM-43045-2400
Test Summary	430450004-TS-000, TS-43045-001-001, TS-46235-001-001

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