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Part Number: [0430451049](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Vertical Header, 3.00mm Pitch, Dual Row, 10 Circuits, Surface Mount, Matte Tin Plating, without Disposable Cap, Glow-Wire Capable, Black

Documents:

3D Model	Test Summary 430450004-TS-000 (PDF)
3D Model (PDF)	Test Summary TS-43045-001-001 (PDF)
Drawing (PDF)	Test Summary TS-46235-001-001 (PDF)
Product Specification PS-43045-001 (PDF)	Datasheet (PDF)
Packaging Specification 430450004-PK-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	43045
Application	Power, Wire-to-Board
Overview	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	884982723290

Physical

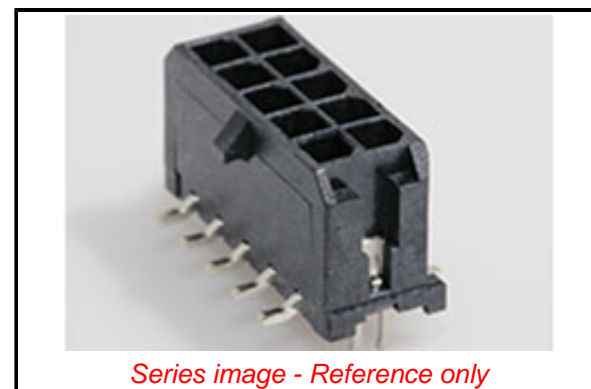
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.557/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel, Tray
Pitch - Mating Interface	3.00mm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[43045 Series](#)

Mates With

Micro-Fit 3.0 Receptacle Housing [43025](#)

Micro-Fit 3.0 TPA Receptacle Housing
[172952](#)
 Micro-Fit 3.0 Cable Assembly
[245132](#) , [214755](#) , [214756](#)

Lead-freeProcess Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

REFLOW
003
260

Material Info

Reference - Drawing Numbers

Packaging Specification 430450004-PK-000
Product Specification PS-43045-001
Sales Drawing SD-43045-015-001
Test Summary 430450004-TS-000, TS-43045-001-001,
TS-46235-001-001

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