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Part Number: [0440671803](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit 3.0 Wire-to-Board Header, Dual Row, Vertical for up to 3.56mm Thick PCB, 18 Circuits, 0.76µm Gold (Au) Selective Plating

Documents:

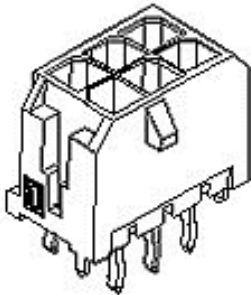
3D Model	Test Summary TS-43045-001-001 (PDF)
Drawing (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification PS-43045 (PDF)	Test Summary TS-46235-001-001 (PDF)
Packaging Specification PK-70873-0314-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	44067
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	8.5
Comments	High Temperature, Polarization Key to PCB, High Temperature, Polarization Key to PCB
Overview	Micro-Fit Connector System
PITCH-MATING-NUMERIC	3.00
Product Name	Micro-Fit 3.0
UPC	800756388670

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.479/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.01mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.60mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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 - Kinked Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[44067](#) Series

Mates With

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

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	250V

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-70873-0314-001
Product Specification	PS-43045
Sales Drawing	SD-44067-001
Symbol/Footprint Data	SYM-44067-180X
Test Summary	TS-43045-001-001, TS-43045-002-001, TS-46235-001-001

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