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Part Number: [0430451228](#)

Status: **Active**

Overview:

Description: 3.00mm (.118") Pitch Micro-Fit 3.0™ Header, Surface Mount Compatible, Dual Row, Vertical, with PCB Polarizing Peg, 12 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Glow Wire Compatible

Documents:

[Packaging Specification \(PDF\)](#)

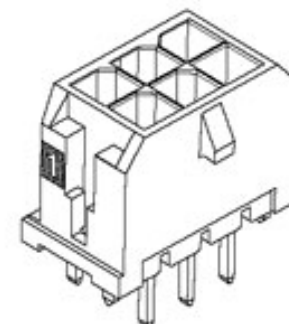
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Literature \(PDF\)](#)

[Product Specification PS-43045 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

General

Product Family	PCB Headers
Series	43045
Application	Wire-to-Board
Overview	Micro-Fit, 3.0™
Product Name	Micro-Fit 3.0™

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Lock to Mating Part	Yes
Mated Height (in)	0.680 In
Mated Height (mm)	17.27 mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.125 In
PC Tail Length (mm)	3.18 mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
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

Electrical

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



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environmental compliance?**

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non-product compliance questions.

Search Parts in this Series

[43045 Series](#)

Mates With

[43025](#)

CSA	LR19980
Current - Maximum	5A
TUV	R72081037
UL	E29179
Voltage - Maximum	250V

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
Product Specification	RPS-43045-003
Product Specification	RPS-43045-004
Sales Drawing	SD-43045-010

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