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Part Number: [44914-1401](#)

Status: **Active**

Overview: [Micro-Fit 3.0™ Connectors](#)

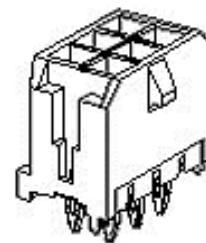
Description: Micro-Fit CPI™ Header, Compliant Pin Interface, Dual Row, Vertical, 14 Circuits, Tin (Sn) Plating, Glow Wire Compatible

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

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

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



Series

image - Reference only

Agency Certification

CSA
TUV
UL

General

Product Family
Series
Application
[Application Tooling Part Link](#)
[Application Tooling Part Link](#)
Comments

LR19980
R72081037
E29179

PCB Headers
[44914](#)
Power, Wire-to-Board
62200-8400
62203-0455

"High Temperature|Square Pin<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."

[Micro-Fit 3.0™ Connectors](#)
987650-5984
Micro-Fit CPI™
756054636794

Overview
Product Literature Order No
Product Name
UPC

Physical

Breakaway
Circuits (Loaded)
Circuits (maximum)
Color - Resin
Durability (mating cycles max)
Flammability
Glow-Wire Compliant
Material - Metal
Material - Plating Mating

No
14
14
Black
30
94V-0
Yes
High Performance Alloy (HPA)
Tin

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

[44914Series](#)

Mates With

[43025-1400 Micro-Fit 3.0™ Receptacle Housing](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Removal Tool	0622030455
Compliant Pin	0622008400
Insertion Flat Rock Tool	

Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.930/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	5.080µm
Plating min - Termination	5.080µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	5A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Product Specification	PS-43045, RPS-43045-003, RPS-43045-004
Sales Drawing	SD-44914-002

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