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Part Number:

44914-0801

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit CPI™ Header, Compliant Pin Interface, Dual Row, Vertical, 8 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)

Agency Certification

CSA	LR19980
TUV	R72081037
UL	E29179

General

Product Family	PCB Headers
Series	44914
Application	Power, Wire-to-Board
Application Tooling Part Link	62200-8400
Application Tooling Part Link	62203-0455
Comments	"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."

Overview

Product Literature Order No

Product Name

UPC

Micro-Fit 3.0™ Connectors

987650-5984

Micro-Fit CPI™

756054637678

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin

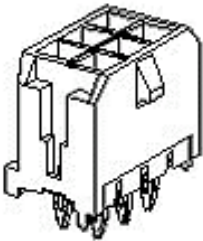


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



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
43025-0800 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	1.217/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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