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Part Number:

0449145803

Status:

Active - Custom

Overview:

microfit\_30

Description:

3.00mm (.118") Pitch Micro-Fit 3.0 CPI™ Header, Dual Row, Vertical, Compliant Pin Interface, 8 Circuits, LCP, Glass-Filled, UL 94V-0, 0.76µm (30µ") Gold (Au) Selective Contact Plating, Tin (Sn) Plated Tails, Glow Wire Compatible

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43045 (PDF)

Test Summary TS-43045-001 (PDF)

RoHS Certificate of Compliance (PDF)

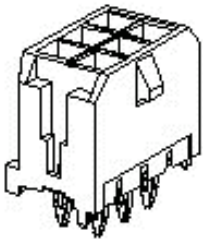


image - Reference only

Series

Agency Certification

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72081037 |
| UL  | E29179    |

General

|                             |                             |
|-----------------------------|-----------------------------|
| Product Family              | PCB Headers                 |
| Series                      | 44914                       |
| Application                 | Power, Wire-to-Board        |
| Comments                    | High Temperature Square Pin |
| Overview                    | microfit_30                 |
| Product Literature Order No | USA-106                     |
| Product Name                | Micro-Fit 3.0 CPI™          |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 8                              |
| Circuits (maximum)             | 8                              |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 30                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | Yes                            |
| Lock to Mating Part            | Yes                            |
| Material - Metal               | High Performance Alloy (HPA)   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 3.00mm (.118")                 |
| Plating min - Mating           | 0.762µm (30µ")                 |
| Plating min - Termination      | 2.540µm (100µ")                |
| Polarized to Mating Part       | Yes                            |
| 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

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](mailto: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 Receptacle

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5A   |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-43045     |
| Sales Drawing         | SD-44914-002 |
| Test Summary          | TS-43045-001 |

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