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**Part Number:** [0442420003](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit 3.0™ Connectors](#)  
**Description:** [Micro-Fit 3.0™ Test Plug, Dual Row, 8 Circuits](#)

**Documents:**

[3D Model](#) [Product Specification PS-43650 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family [PCB Headers](#)  
Series [44242](#)  
Application [Signal, Wire-to-Board](#)  
Overview [Micro-Fit 3.0™ Connectors](#)  
Product Name [Micro-Fit 3.0™](#)  
UPC [800754019880](#)

**Physical**

Breakaway [No](#)  
Circuits (Loaded) [8](#)  
Circuits (maximum) [8](#)  
Color - Resin [Black](#)  
Durability (mating cycles max) [10,000](#)  
Glow-Wire Compliant [No](#)  
Lock to Mating Part [Yes](#)  
Material - Metal [Beryllium Copper](#)  
Material - Plating Mating [Gold](#)  
Material - Plating Termination [Gold](#)  
Material - Resin [High Temperature Thermoplastic](#)  
Net Weight [5.302/g](#)  
Number of Rows [2](#)  
Orientation [Vertical](#)  
PC Tail Length [6.81mm](#)  
PCB Locator [No](#)  
PCB Retention [None](#)  
PCB Thickness - Recommended [1.60mm](#)  
Packaging Type [Bag](#)  
Pitch - Mating Interface [3.00mm](#)  
Polarized to Mating Part [No](#)  
Polarized to PCB [No](#)  
Shrouded [Fully](#)  
Stackable [No](#)  
Temperature Range - Operating [-40°C to +105°C](#)  
Termination Interface: Style [Solder or Weld](#)

**Electrical**

Current - Maximum per Contact [2.5A](#)  
Voltage - Maximum [250V](#)

**Solder Process Data**

Lead-freeProcess Capability [N/A](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification [PS-43650, RPS-43045-003, RPS-43045-004](#)  
Sales Drawing [SD-44242-001](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

**Search Parts in this Series**

[44242](#) Series

**Mates With**

[43025](#) Micro-Fit 3.0™ Receptacle Housing,  
[44133](#) Micro-Fit BMI™ Panel Mount Receptacle Housing

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