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**Part Number:** [0442420005](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit 3.0 Connector System Product Family](#)  
**Description:** [Micro-Fit 3.0™ Test Plug, Dual Row, 12 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 Connector System Product Family](#)  
Product Name [Micro-Fit 3.0™](#)  
UPC [800754019903](#)

**Physical**

Breakaway [No](#)  
Circuits (Loaded) [12](#)  
Circuits (maximum) [12](#)  
Color - Resin [Black](#)  
Durability (mating cycles max) [10000](#)  
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 [7.677/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](#)  
Sales Drawing [SD-44242-001](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**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 [50 Image](#)  
ELV [Not Relevant](#)  
RoHS Phthalates [Not Contained](#)

**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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