

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0442420001](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 3.00mm (.118") Pitch Micro-Fit 3.0™ Test Plug, Dual Row, 4 Circuits

**Documents:**

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

**General**

Product Family PCB Headers  
 Series [44242](#)  
 Application Wire-to-Board  
 Overview Micro-Fit, 3.0&#153;  
 Product Name Micro-Fit 3.0™

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 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  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length (in) 0.268 In  
 PC Tail Length (mm) 6.81 mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness Recommended (in) 0.093 In  
 PCB Thickness Recommended (mm) 1.60 mm  
 Packaging Type Bag  
 Pitch - Mating Interface (in) 0.118 In  
 Pitch - Mating Interface (mm) 3.00 mm  
 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

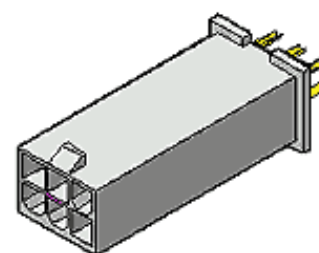
**Electrical**

Current - Maximum 2.5A  
 Voltage - Maximum 250V

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-43650  
 Product Specification RPS-43045-003  
 Product Specification RPS-43045-004  
 Sales Drawing SD-44242-001



*Series image - Reference only*

**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
 Status**

**China RoHS**



**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.

**Search Parts in this Series**

[44242 Series](#)

**Mates With**

[43025](#) , [44133](#)

This document was generated on 11/20/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**