

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

**Part Number:** [44242-0009](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0™ Connectors  
**Description:** 3.00mm Pitch Micro-Fit 3.0™ Test Plug, Dual Row, 20 Circuits

**Documents:**

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

**General**

Product Family	PCB Headers
Series	<a href="#">44242</a>
Application	Signal, Wire-to-Board
Overview	<u>Micro-Fit 3.0™ Connectors</u>
Product Name	Micro-Fit 3.0™
UPC	800754019941

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	12.441/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

**Material Info**

**Reference - Drawing Numbers**

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



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**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**

[44242Series](#)

**Mates With**

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

This document was generated on 06/03/2013

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