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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
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Material Info

Reference - Drawing Numbers

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



Series image - Reference only

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
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

This document was generated on 06/23/2015

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