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**Part Number:** [0442420002](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** [Micro-Fit 3.0 Test Plug, Dual Row, 6 Circuits](#)

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 436500001-PS-KO-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 436500001-PS-SP-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification PS-43650-001 (PDF)</a>
<a href="#">Product Specification 436500001-PS-JA-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">44242</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit 3.0
UPC	800754019873

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	10000
Glow-Wire Capable	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	4.121/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° 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**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per  
-ED/01/2018 (15  
January 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[44242 Series](#)

**Mates With**

[Micro-Fit 3.0 Receptacle Housing 43025](#)  
 <br>[Micro-Fit BMI Panel Mount Receptacle Housing 44133](#) <br>[Micro-Fit 3.0 Cable Assembly 245132](#) , [214755](#) , [214756](#)

Product Specification

Sales Drawing

436500001-PS-JA-000, 436500001-PS-KO-000,  
436500001-PS-SP-000, PS-43650-001  
SD-44242-001-001

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