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Part Number: [0442420005](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: [Micro-Fit 3.0 Test Plug, Dual Row, 12 Circuits](#)

Documents:

3D Model	Product Specification 436500001-PS-SP-000 (PDF)
3D Model (PDF)	Product Specification PS-43650-001 (PDF)
Drawing (PDF)	Packaging Specification PK-44242-001-001 (PDF)
Product Specification 436500001-PS-JA-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 436500001-PS-KO-000 (PDF)	



General

Product Family	PCB Headers
Series	44242
Application	Signal, Wire-to-Board
Overview	Micro-Fit Connector System
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 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	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° 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](#)

 Micro-Fit BMI Panel Mount Receptacle
Housing [44133](#)

Packaging Specification
Product Specification

Sales Drawing

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

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