

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0442420002

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit 3.0 Test Plug, Dual Row, 6 Circuits

- Documents:
- 3D Model (PDF)

Product Specification 436500001-PS-KO-000 (PDF)
- Drawing (PDF)

Product Specification 436500001-PS-SP-000 (PDF)
- 3D Model

Product Specification PS-43650-001 (PDF)
- Product Specification 436500001-PS-JA-000 (PDF)

RoHS Certificate of Compliance (PDF)

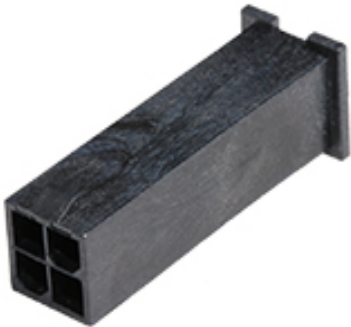
General	
Product Family	PCB Headers
Series	44242
Application	Signal, Wire-to-Board
Overview	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800754019873
Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	10000
Glow-Wire Capable	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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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
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

This document was generated on 07/31/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[44242-0002](#)