



Part Number : [442420002](#)
Product Description : Micro-Fit 3.0 Test Plug, Dual Row, 6 Circuits
Series Number : 44242
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[442420002_sd.pdf](#)

[PK-44242-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[436500001-PS-JA-000.pdf](#)

[436500001-PS-KO-000.pdf](#)


[436500001-PS-SP-000.pdf](#)

[PS-43650-001.pdf](#)

[430450007-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44242
Description	Micro-Fit 3.0 Test Plug, Dual Row, 6 Circuits
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit 3.0
UPC	800754019873

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	10000

First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Length	10.82mm
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	4.121/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Bag
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	6.81mm
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Solder or Weld

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Receptacle Housings	<u>43025</u>
Micro-Fit BMI Dual Row	<u>44133</u>

Receptacle Housings	
Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assemblies	<u>214755</u>
Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u>214756</u>
Micro-fit 3.0-to-Micro-Fit 3.0 Off-the-Shelf (OTS) Overmolded Adapters and Cable Assemblies	<u>245132</u>

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