



Part Number : [442810004](#)

Product Description : Mini-Fit Jr. Test Plug,
Dual Row, 10 Circuits

Series Number : 44281

Status : Active

Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[442810004_sd.pdf](#)

[PK-44281-001-001.pdf](#)

3D Models and Design Files


[442810004_stp.zip](#)

Specifications

[PS-44281-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per ED/71/2019 (16 July 2019)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44281
Description	Mini-Fit Jr. Test Plug, Dual Row, 10 Circuits
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	800754836388

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Durability (mating cycles max)	10000
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	12.340/g
Number of Rows	2

Orientation	Vertical
Packaging Type	Bag
PC Tail Length	6.35mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit BMI Dual Row Receptacle Housings	<u>42474</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>44516</u>
Mini-Fit Jr. Receptacle Housings	<u>5557</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>