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**Part Number:** [0442810001](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit® Products](#)  
**Description:** Mini-Fit® Jr. Test Plug, Dual Row, 4 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-44281-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">44281</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">Mini-Fit® Products</a>
Product Literature Order No	987650-6187
Product Name	Mini-Fit Jr.™
UPC	800754780827

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	10000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	5.599/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.35mm
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant/Exempted**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

50 Image

Not Relevant

**Search Parts in this Series**

[44281](#) Series

**Mates With**

[42474](#) , [44516](#) , [5557](#) Dual Row

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-44281-001

SD-44281-001

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