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**Part Number:** [44281-0003](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Products  
**Description:** 4.20mm Pitch Mini-Fit® Test Plug, Dual Row, 8 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®
UPC	800754836371

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Durability (mating cycles max)	10,000
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	9.872/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)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260



**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[44281Series](#)

**Mates With**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-44281-001

Sales Drawing

SD-44281-001

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