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**Part Number:** [0442810008](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Jr. Test Plug, Dual Row, 18 Circuits](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-44281-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-44281-001-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	<a href="#">44281</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	800754836418

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	22.858/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° 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**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

**China RoHS**

ELV

50 Image

RoHS Phthalates

Not Relevant

Not Contained

**Search Parts in this Series**

[44281](#) Series

**Mates With**

[42474](#) , [44516](#) , [5557](#) Dual Row<br>[172708](#) Mini-Fit TPA2 Receptacle Housing

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

PK-44281-001-001

PS-44281-001-001

SD-44281-001-001

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