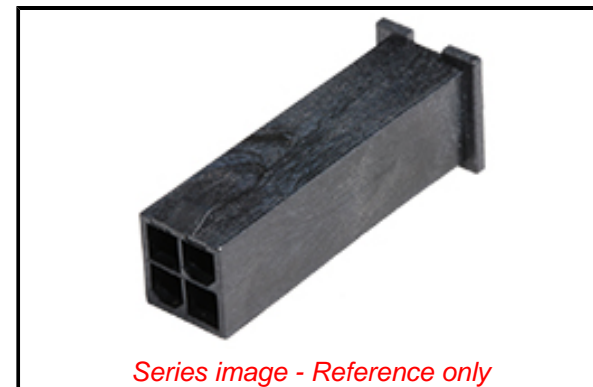


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Part Number: [0442810002](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Test Plug, Dual Row, 6 Circuits](#)

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-44281-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| 3D Model | Product Literature (PDF) |
| Product Specification PS-44281-001-001 (PDF) | |



General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 44281 |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit Jr. |
| UPC | 800754831680 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | 8.113/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
Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[44281](#) Series

Mates With

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

This document was generated on 11/04/2021

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