**Part Number:** 0442810004

**Status:** **Active**

**Overview:** Mini-Fit Family Power Connectors
**Description:** Mini-Fit Jr. Test Plug, Dual Row, 10 Circuits

### Documents:
3D Model (PDF)
3D Model
Drawing (PDF)
Product Specification PS-44281-001-001 (PDF)
Packaging Specification PK-44281-001-001 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

*Series image - Reference only*

| | |
|---|---|
| **EU ELV** | |
| **Not Relevant** | |
| **EU RoHS** | **China 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 | 50 Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
44281 Series

**Mates With**
42474 , 44516 , 5557 Dual Row<br> 172708 Mini-Fit TPA2 Receptacle Housing

### 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. |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 800754836388 |

### 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 |
| 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-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

**Material Info**

**Reference - Drawing Numbers**
| | |
|---|---|
| Packaging Specification | PK-44281-001-001 |
| Product Specification | PS-44281-001-001 |
| Sales Drawing | SD-44281-001-001 |

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