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Part Number:

0442810006

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Test Plug, Dual Row, 14 Circuits



Series image - Reference only

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

Product Specification PS-44281-001-001 (PDF)

Packaging Specification PK-44281-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (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            | 800754836395                          |

| Physical                       |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| 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                     | 17.276/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

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      | 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

**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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