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**Part Number:** [0442810013](#)  
**Status:** **Active**  
**Description:** 4.20mm (.165") Pitch Mini-Fit® Test Plug, Dual Row, 40 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-44281-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                             |                               |
|-----------------------------|-------------------------------|
| Product Family              | PCB Headers                   |
| Series                      | <a href="#">44281</a>         |
| Application                 | Board-to-Board, Wire-to-Board |
| Product Literature Order No | USA-053                       |
| Product Name                | Mini-Fit®                     |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 40              |
| Circuits (maximum)             | 40              |
| 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            |
| Number of Rows                 | 2               |
| Orientation                    | Vertical        |
| PC Tail Length (in)            | 0.250 In        |
| PC Tail Length (mm)            | 6.35 mm         |
| PCB Locator                    | No              |
| PCB Retention                  | None            |
| Packaging Type                 | Bag             |
| Pitch - Mating Interface (in)  | 0.165 In        |
| Pitch - Mating Interface (mm)  | 4.20 mm         |
| Pitch - Term. Interface (in)   | 0.165 In        |
| Pitch - Term. Interface (mm)   | 4.20 mm         |
| 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    |

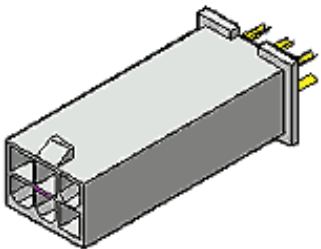
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum             | 600V |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-44281-001 |
| Sales Drawing         | SD-44281-001 |



*Series*  
*image - Reference only*

**EU RoHS**

**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Not Reviewed**  
**Halogen-Free**  
**Status**

**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](#) , [5557d](#)

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