# molex

**Part Number :** 2248571141

**Series Number :** 224857

**Product Category :** PCB Headers and Receptacles

**Product Description :** Ultra-Fit Test Plug, Dual Row, 14 Circuits

**Status :** Active

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## Documents & Resources

### Drawings
Drawing 2248571141_sd.pdf
Packaging Design Drawing 2248571000-PK-000.pdf

### 3D Models and Design Files
3D Model 2248571141_stp.zip

### Specifications
Product Specification 2248571000-PS-000.pdf

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## Product Environment Compliance

### Compliance

| GADSL/IMDS | Not Relevant |
|---|---|
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant with Exemption 6(c) per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

<u>EU RoHS Certificate of Compliance</u>

## Part Details

### General

| Status | Active |
|---|---|
| Category | PCB Headers and Receptacles |
| Series | 224857 |
| Description | Ultra-Fit Test Plug, Dual Row, 14 Circuits |
| Application | Power, Wire-to-Board |
| Component Type | Test Plug |
| Product Family | Application Tooling |
| Product Name | Ultra-Fit |
| UPC | 198282210665 |

### Electrical

| Current - Maximum per Contact | 2.5A |
|---|---|
| Voltage - Maximum | 600V AC (RMS) |

### Physical

| Breakaway | No |
|---|---|
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy, Stainless Steel |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 6.960/g |
| Number of Rows | 2 |
| Orientation | Vertical |

| | |
|---|---|
| Packaging Type | Bag |
| PC Tail Length | 4.30mm |
| PCB Locator | No |
| PCB Retention | None |
| Pitch - Mating Interface | 3.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Solder or Weld |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Ultra-Fit Tangless Single Row Receptacle Housings | 172256 |
| Ultra-Fit Tangless Dual Row Receptacle Housings | 172258 |

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