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## Part Number: 50-30-4461

**Mini-Fit Jr.™ Receptacle Housing, Dual Row, PA Polyamide Nylon 6/6, UL 94V-0, 4 Circuits, Glow Wire Compatible**

Series image - Reference only

**Status:** Planned for Obsolescence
**Replacement:** 39-01-2045, 39-03-9042, 46992-0410

**Series:** 5557
**Category:** Crimp Housings
**Overview:** Mini-Fit Jr.™ Power Connectors
**Old Part Number:** 5557-04R-225

### Mates With Part(s):

5559 Crimp Housings Plug, 46991 PCB Header

### Use With:

5556 Mini-Fit® Female Crimp Terminals, 45750 Mini-Fit® Plus HCS Crimp Terminal

## Product Environmental Compliance

**EU RoHS:**ELV and RoHS Compliant

**China RoHS:** e
**REACH SVHC:**Contains SVHC: No
**Low-Halogen Status:**Low-Halogen

## Part Detail

### General

| | |
|---|---|
| **Status** | **Planned for Obsolescence** |
| **Category** | Crimp Housings |
| **Series** | 5557 |
| **Application** | Power, Wire-to-Board, Wire-to-Wire |
| **Comments** | Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire.<br>See Molex product specification PS-45750-001 for additional current derating information. |

| Overview | |
|---|---|
| **Product Name** | Mini-Fit Jr.™ Power Connectors |
| | Mini-Fit Jr.™ |
| **UPC** | 822350421799 |

## Physical

| | |
|---|---|
| **Breakaway** | No |
| **Circuits (maximum)** | 4 |
| **Color - Resin** | Black |
| **Flammability** | 94V-0 |
| **Gender** | Receptacle |
| **Glow-Wire Compliant** | Yes |
| **Keying to Mating Part** | None |
| **Lock to Mating Part** | Yes |
| **Material - Resin** | Nylon |
| **Net Weight** | 1.074/g |
| **Number of Rows** | 2 |
| **Packaging Type** | Bag |
| **Panel Mount** | No |
| **Pitch - Mating Interface** | 4.20mm |
| **Pitch - Termination Interface** | 4.20mm |
| **Polarized to Mating Part** | Yes |
| **Ports** | 1 |
| **Stackable** | No |
| **Temperature Range - Operating** | -40°C to +105°C |

## Electrical

**(Please review the Product Specification for specific details.)**

| | |
|---|---|
| **Current - Maximum per Contact** | 13A |

## Agency Certification

**Please find UL Certificates by searching the UL Database using the Molex Series Number. Click here to visit the UL Database**

| | |
|---|---|
| **CSA** | LR19980 |
| **UL** | E29179 |

## Material Info

| | |
|---|---|
| **Old Part Number** | 5557-04R-225 |

## Reference - Drawing Numbers

| | |
|---|---|
| **Packaging Specification** | PK-5557-003 |
| **Product Specification** | PS-45750-001, PS-5556-001 |
| **Sales Drawing** | SD-5557-003 |
| **Test Summary** | TS-5556-002 |

# Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

## Previously Available Application Tooling

Check our list of old tooling that used to be available for this part