**Part Number :** 2169454108
**Product Description :** Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Panel Mount, Natural, Glow-Wire Capable
**Series Number :** 216945
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

2169454108_sd.pdf

2169451000-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

1723230003-000.pdf

2169461000-PS-000.pdf

2169460001-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 216945 |
| Description | Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Panel Mount, Natural, Glow-Wire Capable |
| Application | Power, Wire-to-Wire |
| Product Name | Ultra-Fit |
| UPC | 195842153363 |

### Agency

| | |
|---|---|
| UL | E29179 |

### Physical

| | |
|---|---|
| Circuits (maximum) | 8 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Plug |
| Glow-Wire Capable | Yes |

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| | |
|---|---|
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Polyamide (PA) |
| Net Weight | 2.790/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| Pitch - Mating Interface | 3.50mm |
| Pitch - Termination Interface | 3.50mm |
| Polarized to Mating Part | Yes |
| Temperature Range - Operating | -40° to +125°C, -40° to +120°C |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Natural, Glow-Wire Capable | 1722584108 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Black | 1722643004 |
| Ultra-Fit Male Crimp Terminals | 216946 |



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