



**Part Number :** [2169453108](#)

**Product Description :** Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Panel Mount, Black, Glow-Wire Capable

**Series Number :** 216945

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[2169453108\\_sd.pdf](#)

[2169451000-PK-000.pdf](#)

### 3D Models and Design Files

[2169453108\\_stp.zip](#)

### Specifications

[1723230003-000.pdf](#)

[2169461000-PS-000.pdf](#)

[2169460001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant 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)

EU RoHS Certificate of Compliance

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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, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842153226

### Agency

UL	E29179
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### Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyamide
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 +105°C, -40° to +120°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Black, Glow-Wire Capable	<u>1722583108</u>

### Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Natural	<u>1722644004</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>