

Part Number : 2025693006

Series Number : 202569

Product Category : Connector Housings

Product Description : Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable

Status : Active

## Documents & Resources

### Drawings

Drawing 2025693006\_sd.pdf

Packaging Design Drawing 2025691000-PK-000.pdf

### 3D Models and Design Files

3D Model 2025693006\_stp.zip

### Specifications

Application Specification 1723230003-000.pdf

Product Specification 2169461000-PS-000.pdf

Test Summary 2169460001-TS-000.pdf

## 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(2023)8585-DC (23 Jan 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	202569
Description	Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842150690

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	6
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	2.100/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
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, Single Row, 6 Circuits, Black, Glow-Wire Capable	<u>1722563106</u>

### Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 6 Circuits, Natural	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/1722644006.html</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>

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