

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2025693006](#)  
**Status:** **Active**  
**Overview:** [Ultra-Fit Power Connectors](#)  
**Description:** Ultra-Fit Plug Housing, 3.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable

**Documents:**

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Product Specification 2169461000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2025691000-PK-000 \(PDF\)](#)

**General**

Product Family [Crimp Housings](#)  
Series [202569](#)  
Application [Power, Wire-to-Wire](#)  
Overview [Ultra-Fit Power Connectors](#)  
Product Name [Ultra-Fit](#)  
Taxonomy [Connector Housings](#)  
UPC [195842150690](#)

**Physical**

Circuits (maximum) [6](#)  
Color - Resin [Black](#)  
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](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification [2025691000-PK-000](#)  
Product Specification [2169461000-PS-000](#)  
Sales Drawing [2025691000-SD-000](#)



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[202569 Series](#)

**Mates With**

[Ultra-Fit Tangless Receptacle Housing  
1722563106](#)

**Use With**

[Ultra-Fit Plug Terminal 216946](#) . [Ultra-Fit Tangless TPA 1722644006](#)