



Part Number : 2169453006

Series Number : 216945

Product Category : Connector Housings

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

Status : Active

Documents & Resources

Drawings
Drawing 2169453006_sd.pdf
Packaging Design Drawing 2169451000-PK-000.pdf

3D Models and Design Files
3D Model 2169453006_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(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

Part Details

General

Status	Active
Category	Connector Housings
Series	216945
Description	Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 6 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842152823

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	1.950/g
Number of Rows	2
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Ultra-Fit Tangless Receptacle Housing, 3.50mm Pitch, Dual Row, 6 Circuits, Black, Glow-Wire Capable	<u>1722583106</u>

Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 3 Circuits, Natural	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1722644003.html</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>
