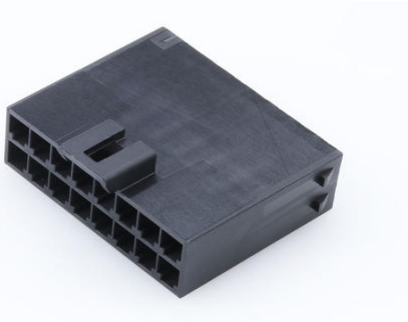




Part Number : [2169453016](#)
Product Description : Ultra-Fit Plug Housing,
3.50mm Pitch, Dual Row, 16 Circuits, Black, Glow-Wire
Capable
Series Number : 216945
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

- [2169453016_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	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

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

Part Details

General

Status	Active
Category	Connector Housings
Series	216945
Description	Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 16 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Name	Ultra-Fit
UPC	195842152878

Agency

UL	E29179
----	--------

Physical

Circuits (maximum)	16
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	4.510/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 +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, 16 Circuits, Black, Glow-Wire Capable	<u>1722583116</u>

Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 8 Circuits, Natural	<u>1722644008</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>