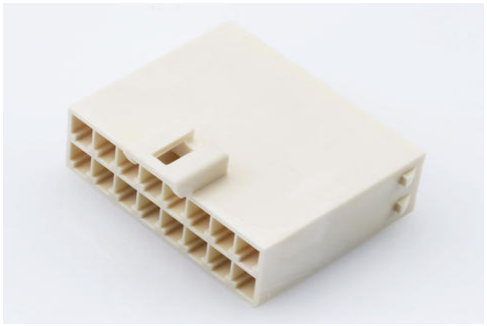
molex



Part Number : 2169454008
Product Description : Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Natural, Glow-Wire Capable
Series Number : 216945
Status : Active
Product Category : Connector Housings

Documents & Resources

Drawings

2169454008_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, 8 Circuits, Natural, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Name	Ultra-Fit
UPC	195842152908

Agency

UL	E29179

Physical

Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes

Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	2.460/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, 8 Circuits, Natural, Glow-Wire Capable	1722584108

Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Black	1722643004
Ultra-Fit Male Crimp Terminals	216946