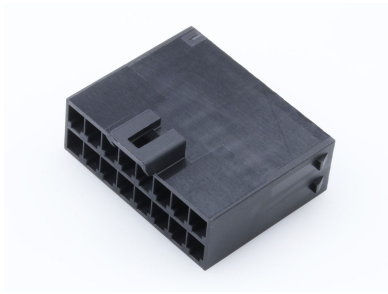




Part Number : [2169453008](#)
Product Description : Ultra-Fit Plug Housing,
3.50mm Pitch, Dual Row, 8 Circuits, Black,
Glow-Wire Capable
Series Number : 216945
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[Drawing 2169453008_sd.pdf](#)
[Packaging Design Drawing 2169451000-PK-000.pdf](#)

3D Models and Design Files
[3D Model PDF 2169453008.pdf](#)
[3D Model 2169453008_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)3788-DC (14 Jun 2023)
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, 8 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842152830

Physical

Circuits (maximum)	8
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyamide
Net Weight	2.460/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 +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, 8 Circuits, Black, Glow-Wire Capable	<u>1722583108</u>

Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Natural	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/1722644004.html</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>