



Part Number : 2169454108

Product Description : Ultra-Fit Plug Housing, 3.50mm Pitch, Dual Row, 8 Circuits, Panel Mount, Natural, Glow-Wire Capable

Series Number : 216945

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing 2169454108_sd.pdf

Packaging Design Drawing 2169451000-PK-000.pdf

3D Models and Design Files

3D Model 2169454108_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, 8 Circuits, Panel Mount, Natural, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842153363

Agency

UL	E29179
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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	2.790/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
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, Natural, Glow-Wire Capable	<u>1722584108</u>

Use with Part(s)

Description	Part Number
Ultra-Fit Tangless Terminal Position Assurance (TPA), 3.50mm Pitch, 4 Circuits, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1722643004.html</u>
Ultra-Fit Male Crimp Terminals	<u>216946</u>
