



Part Number : [2248571081](#)

Series Number : 224857

Product Category : PCB Headers and Receptacles

Product Description : Ultra-Fit Test Plug, Dual Row, 8 Circuits

Status : Active

Documents & Resources

Drawings

[Drawing 2248571081_sd.pdf](#)

[Packaging Design Drawing 2248571000-PK-000.pdf](#)

3D Models and Design Files


[3D Model 2248571081_stp.zip](#)

Specifications

[Product Specification 2248571000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant with Exemption 6(c) 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	224857
Description	Ultra-Fit Test Plug, Dual Row, 8 Circuits
Application	Power, Wire-to-Board
Component Type	Test Plug
Product Family	Application Tooling
Product Name	Ultra-Fit
UPC	198282210566

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	600V AC (RMS)

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	4.160/g
Number of Rows	2
Orientation	Vertical

Packaging Type	Bag
PC Tail Length	4.30mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	3.50mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Solder or Weld

Mates With / Use With

Mates with Part(s)

Description	Part Number
Ultra-Fit Tangless Single Row Receptacle Housings	<u>172256</u>
Ultra-Fit Tangless Dual Row Receptacle Housings	<u>172258</u>