molex

Part Number : 1202530147

Product Description : Mega-Fit Vertical Header, Single Row, 5.70mm Pitch, 3 Circuits, 1.52µm Matte Tin Plating, UL 94V-0, Glow-Wire Capable, Tray, Black

Series Number : 200241

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings
2002411113_sd.pdf
2002411000-001.pdf

3D Models and Design Files
2002411113_stp.zip

Specifications
768232000-AS-000.pdf
1720631000-PS-000.pdf
1720631000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	⊖
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	PCB Headers and Receptacles
Series	200241
Description	Mega-Fit Vertical Header, Single Row, 5.70mm Pitch, 3 Circuits, 1.52μm Matte Tin Plating, UL 94V-0, Glow-Wire Capable, Tray, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mega-Fit
UPC	191130088560

Agency

CSA	152514
UL	E29179

Electrical

Current - Maximum per Contact	26.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No

Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.120/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.23mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm, 2.36mm
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	1.524µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mega-Fit Tangless TPA-Capable Single Row Receptacle Housings	200456