Part Number : 2002411123
Product Description : Mega-Fit Vertical Header, 5.70mm Pitch, Single Row, 3 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Tray, Black
Series Number : 200241
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2002411123_sd.pdf

2002411000-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

768232000-AS-000.pdf

1720631000-PS-000.pdf

1720631000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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	PCB Headers and Receptacles
Series	200241
Description	Mega-Fit Vertical Header, 5.70mm Pitch, Single Row, 3 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Tray, Black
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Mega-Fit
UPC	191130089642

Agency

CSA	152514
UL	E29179

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	2.120/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm, 2.36mm
PC Tail Length	3.23mm
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.380µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +120°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