Part Number : 1720659312
Product Description : Mega-Fit Slim Vertical Header without Crush Pegs, 5.70mm Pitch, Through Hole, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, 2.93mm Tail Length, Glow-Wire Capable, Tape and Reel, Black
Series Number : 172065
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

1720659312_sd.pdf

1720659206-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

768232000-AS-000.pdf

1720631000-PS-000.pdf

PS-76823-100-001.pdf

TS-76823-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
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	172065
Description	Mega-Fit Slim Vertical Header without Crush Pegs, 5.70mm Pitch, Through Hole, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, 2.93mm Tail Length, Glow-Wire Capable, Tape and Reel, Black
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Mega-Fit
UPC	195842305465

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	16.78mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	6.643/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.93mm
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Shrouded
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	Through Hole
Unmated Height	14.80mm

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mega-Fit Dual Row Receptacle Housings	170001
Mega-Fit Dual Row Receptacle Housings	171692