molex



Part Number : 2157601007
Product Description : Micro-Fit+ Right-Angle Header, Through Hole, 3.00mm Pitch, Single Row, 7 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black
Series Number : 215760
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

2157601007_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2064600001-AS-000.pdf

2064600000-PS-000.pdf

2064600001-TS-000.pdf

2157590005-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 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)4165-DC (25 June 2025)
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	215760
Description	Micro-Fit+ Right-Angle Header, Through Hole, 3.00mm Pitch, Single Row, 7 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+
UPC	193264935734

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.214/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
PC Tail Length	3.17mm
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ Single Row Receptacle	215759

Housings	