Part Number : 2140940080
Product Description : OneBlade Header, 1.00mm Pitch, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 8 Circuits, Tape and Reel
Series Number : 214094
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2140940080_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

2140940080.dxf

Specifications

2140949200-SPK-200.pdf

2140920000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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

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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	214094
Description	OneBlade Header, 1.00mm Pitch, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 8 Circuits, Tape and Reel
Application	Wire-to-Board
Component Type	PCB Header
Product Name	OneBlade
UPC	195842620803

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	100V AC (RMS)/DC

Physical

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Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Gender	Male
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Mated Height	6.50mm
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide (PA)
Net Weight	261.730/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

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Description	Part Number
OneBlade Single Row Receptacle Housings	214092

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