Part Number : 496160711
Product Description : 0.80mm Pitch HSAutoLink Right-Angle Header, Through Hole, 5 Circuit, Type A, Black USB
Series Number : 49616
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

496160711_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PK-49616-001-001.pdf

PS-49616-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

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- 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	49616
Description	0.80mm Pitch HSAutoLink Right-Angle Header, Through Hole, 5 Circuit, Type A, Black USB
Application	Automotive, Wire-to-Board
Comments	Higher current rating achievable, please contact PM for additional technical information.
Component Type	PCB Header
Product Name	HSAutoLink
UPC	883906124670

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	5V (RMS)

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No

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Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3713.790/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Sealed	Unsealed
Shrouded	Unshrouded
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
HSAutoLink Cable Assemblies	111005
HSAutoLink Cable Assemblies	111014
HSAutoLink Cable Assemblies	111015
HSAutoLink Cable Assemblies	111019

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HSAutoLink Cable Assemblies	111041

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