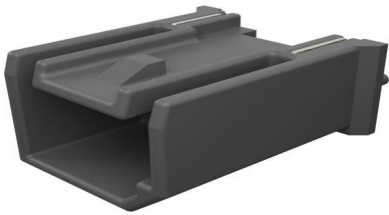




Part Number : [1040040505](#)
Product Description : 0.80mm Pitch USCAR Mini B
Vertical Header, Through Hole, 5 Circuit, Type B
Series Number : 104004
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1040040505_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[PK-104004-001-001.pdf](#)

[PS-49616-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
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	104004
Description	0.80mm Pitch USCAR Mini B Vertical Header, Through Hole, 5 Circuit, Type B
Application	Automotive, Signal, Wire-to-Board
Comments	Higher current rating achievable, please contact PM for additional technical information.
Component Type	PCB Header
Product Name	HSAutoLink
UPC	883906581329

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Gray

Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.458/g
Number of Rows	1
Orientation	Vertical
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
Shrouded	No
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	<u>111005</u>
HSAutoLink Cable Assemblies	<u>111014</u>

HSAutoLink Cable Assemblies	<u>111015</u>
HSAutoLink Cable Assemblies	<u>111019</u>
HSAutoLink Cable Assemblies	<u>111041</u>