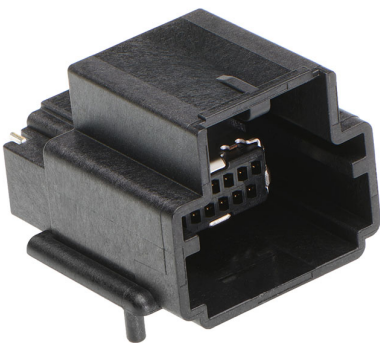




Part Number : [2257701016](#)
Product Description : HSAutoLink II Unsealed Header, Right-Angle, 12 Circuits, Key A, Black
Series Number : 225770
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 348611306



Documents & Resources

Drawings
[2257701016_sd.pdf](#)

Specifications
[2257721200-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--------------|
| China RoHS | Not Reviewed |
| EU ELV | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC | Not Reviewed |
| EU RoHS | Not Reviewed |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 225770 |
| Description | HSAutoLink II Unsealed Header, Right-Angle, 12 Circuits, Key A, Black |
| Application | Automotive, Signal, Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | HSAutoLink II |
| UPC | 198282469162 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 36V |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |

| | |
|-------------------------------|-----------------------|
| Net Weight | 3.600/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| Pitch - Mating Interface | 1.27mm |
| Pitch - Termination Interface | 1.27mm |
| Plating min - Mating | 0.380µm |
| Plating min - Termination | 2.500µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-------------------|
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, USB 3.0 Cable, 0.50m Length, Polarization A, 12 Circuits | <u>2257722311</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, USB 3.0 Cable, 1.0m Length, Polarization A, 12 Circuits | <u>2257722312</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, USB 3.0 Cable, 1.50m Length, Polarization A, 12 Circuits | <u>2257722313</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, USB 3.0 Cable, 2.0m Length, Polarization A, 12 Circuits | <u>2257722314</u> |

| | |
|--|-------------------|
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, LVDS 4-Pair Cable, 1.0m Length, Polarization A, 12 Circuits | <u>2257726312</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, LVDS 4-Pair Cable, 1.50m Length, Polarization A, 12 Circuits | <u>2257726313</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, LVDS 4-Pair Cable, 2.0m Length, Polarization A, 12 Circuits | <u>2257726314</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, LVDS 4-Pair Cable, 4.0m Length, Polarization A, 12 Circuits | <u>2257726318</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, High-Bandwidth LVDS 2-Pair Cable, 1.0m Length, Polarization A, 12 Circuits | <u>2257725312</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, High-Bandwidth LVDS 2-Pair Cable, 1.50m Length, Polarization A, 12 Circuits | <u>2257725313</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, High-Bandwidth LVDS 2-Pair Cable, 2.0m Length, Polarization A, 12 Circuits | <u>2257725314</u> |
| HSAutoLink II Unsealed Plug-to-HSAutoLink II Unsealed Plug Off-the-Shelf (OTS) Cable Assembly, High-Bandwidth LVDS 2-Pair Cable, 4.0m Length, Polarization A, 12 Circuits | <u>2257725318</u> |

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