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**Part Number:** [46765-1302](#)  
**Status:** **Active**  
**Overview:** [High Definition Multimedia Interface \(HDMI\\*\) Micro Connectors](#)  
**Description:** 0.40mm Pitch Micro HDMI\* Connector, Right Angle Receptacle, Surface Mount, with Through Hole Shell Tabs and Kapton Tape, 19 Circuits, Lead-Free, with Black Housing

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-46765-003 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

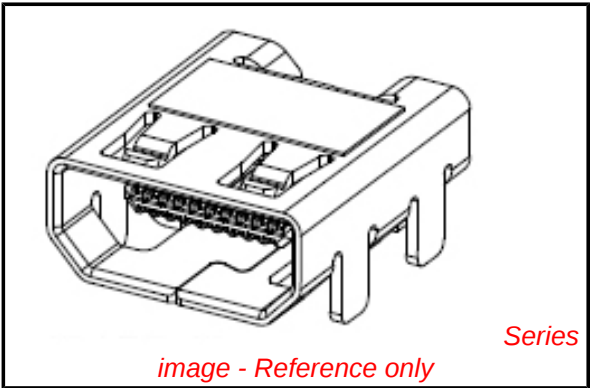
Product Family I/O Connectors  
Series [46765](#)  
Application Wire-to-Board  
Component Type Receptacle  
Overview [High Definition Multimedia Interface \(HDMI\\*\) Micro Connectors](#)  
Product Name Micro HDMI\*  
Type D  
UPC 884982867918

**Physical**

Boot Color N/A  
Circuits (Loaded) 19  
Circuits (maximum) 19  
Color - Resin Black  
Flammability 94V-0  
Gender Male  
Keying to Mating Part Yes  
Lock to Mating Part Yes  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.333/g  
Number of Rows 2  
Orientation Right Angle  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Panel Mount No  
Pitch - Mating Interface 0.40mm  
Pitch - Termination Interface 0.40mm  
Plating min - Mating 0.381µm  
Plating min - Termination 0.051µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Ports 1  
Termination Interface: Style Surface Mount  
Waterproof / Dustproof No

**Electrical**

Current - Maximum per Contact 0.8A



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[46765Series](#)

**Mates With**  
[68786](#) Micro HDMI\* Cable Assemblies

|                    |             |
|--------------------|-------------|
| Grounding to Panel | Yes         |
| Shield Type        | Full Shield |
| Shielded           | Yes         |
| Voltage - Maximum  | 30V         |

**Solder Process Data**

|                                                |                           |
|------------------------------------------------|---------------------------|
| Duration at Max. Process Temperature (seconds) | 10                        |
| Lead-free Process Capability                   | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature        | 2                         |
| Process Temperature max. C                     | 260                       |

**Material Info**

**Reference - Drawing Numbers**

|                           |                             |
|---------------------------|-----------------------------|
| Electrical Model Document | EE-46765-001                |
| Product Specification     | PS-46765-003, RPS-46765-203 |
| Sales Drawing             | SD-46765-001                |

\* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

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