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Part Number: [78592-0301](#)
Status: **Active**
Overview: High Definition Multimedia Interface (HDMI*) Micro Connectors
Description: 0.40mm Pitch Micro HDMI* Connector, Right Angle Receptacle, SMT, Offset Mid Mount, 6 Leg Through-Hole, with Kapton Tape, 19 Circuits, Gold(Au) Plating 0.381µm, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-46765-003 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

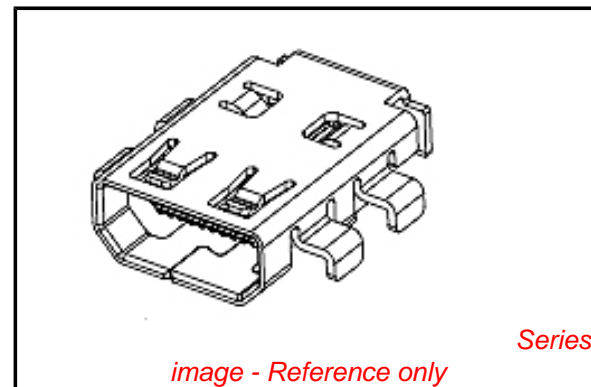
Product Family I/O Connectors
 Series [78592](#)
 Application Wire-to-Board
 Component Type Receptacle
 Overview [High Definition Multimedia Interface \(HDMI*\) Micro Connectors](#)
 Product Name Micro HDMI*
 Type D
 UPC 884982920118

Physical

Boot Color N/A
 Circuits (Loaded) 19
 Circuits (maximum) 19
 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 0.324/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

China RoHS



Need more information on product environmental compliance?

Email 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

[78592Series](#)

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-78592-001
Product Specification	PS-46765-003
Sales Drawing	SD-78592-001

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

This document was generated on 01/14/2014

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