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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

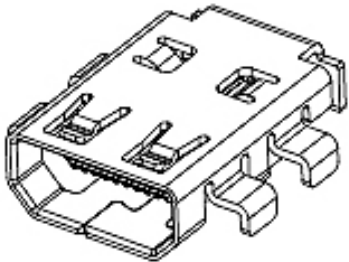


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Series

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

China RoHS



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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

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