



HDMI TYPE E CONNECTOR PORTFOLIO

for the Automotive Industry

The TE Connectivity HDMI Type E connector is designed for Automotive application and is compatible to HDMI Type E specification. It has a structure with vibration and shock resistance compared to consumer HDMI products.

With regard to EMI characteristics, it is fully shielded design with metal shell, and contributes to optimize EMI validation.

In order to avoid the half-mating issue, the design is optimized to make sufficient locking sound, therefore it supports to reduce the defect in car OEM's production line.

HDMI Type E Connector Portfolio

Applications

- Smart Phone Connection
- Blue-Ray Connection

Mechanical

- Mating Cycles: min. 10
- Connector Locking Strength: min. 100N
- Mating / Unmating Force: max. 70N

Electrical

- Impedance: 100Ω
- Available Cable Length: beyond 5 m
- LLCR Change: max. 30Ω

Material

Header

- Contact: CuZn (Gold Plating)
- Housing: LCP
- Shell: CuSn / Steel (Tin Plating)

Plug

- Housing: PBT
- Contact: CuSn (Gold Plating)
- Shield: CuSn (Tin Plating)

Standards and Specifications

- Product Specification: 108-78937
- Instruction Sheet: 408-78075
- HDMI Specification
- RoHS compliant

Product Offering

- HDMI Type A - Type E Harness
- HDMI Type E - Type E Harness
- HDMI Type E Header (H) (with or without Flange)



HDMI Type E Header (H)



HDMI Type E Header (H)



HDMI Type A Type E Harness

BENEFITS

- EMI optimized
- Designed for Automotive Application
- Cable Assembly
- Operating temperature -40° C ... 100° C

KEY FEATURES

- Header
 - Compact (27 mm depth)
 - Reflow soldering capable
 - Full shielded design
- Plug
 - Type A Harness available
 - Automotive shielded cable



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