

# 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.

# **Applications**

- Smart Phone Connection
- Blue-Ray Connection

#### Mechanical

- Mating Cycles: min. 10
- Connector Locking Strength:

min. 100 N

Mating / Unmating Force:

max. 70 N

#### **Electrical**

- Impedance:  $100 \Omega$
- Available Cable Length:

beyond 5 m

• LLCR Change:  $\max. 30 \Omega$ 

### **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

#### **Material**

#### Header

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

# Plug

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

# **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 shieled design

Plug - Type A Harness available

- Automotive shielded cable

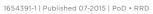


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