



TE Internal #: 1-1747981-2

HDMI Connectors, Receptacle, Standard Profile, 1 Port, Top, Right Angle, Surface Mount, Tape, 260°C Soldering Temperature (Max), Cable-to-Board

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Connectors > Audio & Video Connectors > HDMI Connectors



Connector & Housing Type: **Receptacle**

Connector Profile: **Standard**

Number of Ports: **1**

PCB Mount Location: **Top**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Grounding Options	Panel Ground
Ground Component Type	M3 Threaded Hole
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Panel Ground Location	Top
Stacked	No
Number of Ports	1
PCB Mount Orientation	Right Angle
Number of Positions	19
Preloaded	Yes

Body Features

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Shell Plating Finish	Matte
Connector Profile	Standard
Shell Plating Material	Tin

Contact Features

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Mating Area Plating Thickness	.1 µm[3.937 µin]

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Locating Posts	Without
PCB Mount Retention Type	Straight Leg
PCB Mount Location	Top
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1 mm[.039 in]
Housing Color	Black

Dimensions

PCB Thickness (Min)	1.6 mm[.063 in]
Tail Length	1.1 mm, 1.6 mm[.043 in][.061 in]

Usage Conditions

Mating Cycles (Max)	10000
Soldering Temperature (Max)	260 °C
Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]

Operation/Application

Assembly Process Feature	Tape
Circuit Application	Signal

Packaging Features

Packaging Method	Box & Tray, Tray
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

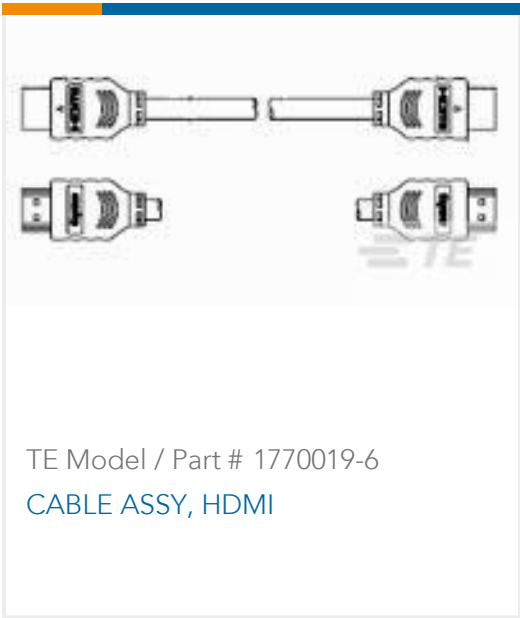


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought



TE Model / Part #1734260-8  
AMP HPI 1.25MM HEADERS



TE Model / Part #350833-1  
04P UMNL HDR ASSY PC 94VO



TE Model / Part #8-1734774-0  
PCI EXP 2.3L 64 POS BLK G/F



TE Model / Part #4-1879234-6  
SMF5 39K 5%




TE Model / Part #6450130-4  
MBXL R/A HDR 4P+24S+3ACP



TE Model / Part #2110487-1  
QSFP Cage, Solder Leg, No HS Opening



TE Model / Part #87003-2  
MOD I RECP STMPD



TE Model / Part #282815-6  
TERMI-BLOK HEADER,ASSY90 6P.5



TE Model / Part #6-440129-3  
AMP HPI 2.0MM RECEPTACLE HOUSINGS



TE Model / Part #1747981-2  
Std HDMI, RA, SMT

Documents

Product Drawings

Std HDMI, RA, SMT, Panel grd, Flange

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1747981-2\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1747981-2\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1747981-2\_L.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



Connectors & Cable Assemblies Incorporating HDMI Technology

English

6-1773453-4\_HDMI\_QRG

English

Product Specifications

HDMI CONNECTOR

Japanese

Product Specification

Japanese

Product Specification

Japanese

HDMI 19 POS

Japanese