1-1747981-6 ✔ ACTIVE

TE Internal #: 1-1747981-6

1 Port, Standard HDMI Connector, Right Angle, Top Mount, Surface Mount, 19 Position, 1 mm [.039 in] Centerline, -25 – 70 °C [-13 – 158 °F]

View on TE.com >

Connectors > Audio & Video Connectors > HDMI Connectors



Connector Profile: **Standard**

Number of Ports: **1**

PCB Mount Location: **Top Mount**

PCB Mount Orientation: **Right Angle**

Termination Method to PCB: **Surface Mount**

Features

Product Type Features

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

Configuration Features

Panel Ground Location	Top
Number of Ports	1
PCB Mount Orientation	Right Angle
Number of Positions	19

Body Features

Shell Plating Material	Tin
Shell Plating Finish	Matte
Connector Profile	Standard

Contact Features

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

Termination Features

Termination Post & Tail Length	1.1 mm, 1.6 mm[.043 in][.061 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Straight Leg
PCB Mount Location	Top Mount

Housing Features

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

Dimensions

PCB Thickness (Min)	1.6 mm[.063 in]

Usage Conditions

Mating Cycles (Max)	10000
Soldering Temperature (Max)	260 °C[500 °F]
Operating Temperature Range	-25 – 70 °C[-13 – 158 °F]

Operation/Application

Circuit Application	Signal
Assembly Process Feature	Pick and Place Cover

Packaging Features

Packaging Method	Box & Tray, Tray

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

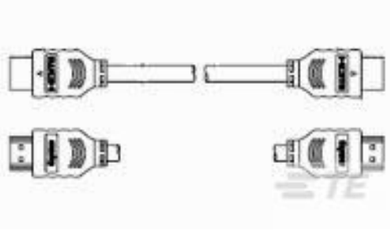
Solder Process Capability

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

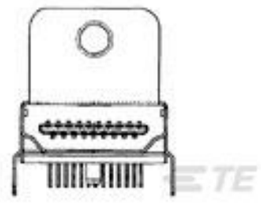


TE Part # 1770019-6
CABLE ASSY, HDMI

Customers Also Bought



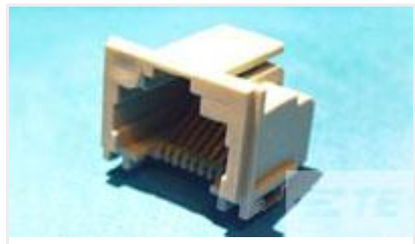
TE Part #2-1445053-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #1746679-1
Std HDMI, RA, T/H, Panel grd, Flange



TE Part #2199230-3
M.2 0.5PITCH 4.2H KEY B 15U'' AU



TE Part #1-5406721-3
MJ,RJ45,SMT,BLACK,22"REEL,30 Au

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1747981-6_L.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1747981-6_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1747981-6_L.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

Japanese

HDMI 19 POS

Japanese