

Std HDMI, RA, SMT, Panel grd, Flange

✓ ACTIVE

TE Part # 3-1747981-1

TE Internal #: 3-1747981-1

[View on TE.com >](#)



Connectors > Audio & Video Connectors > HDMI Connectors



Connector Style: **Receptacle**

Size: **Standard**

Stacked: **No**

Number of Ports: **1**

Mounting Location: **Top**

Features

Product Type Features

Ground Component Type	M3 Threaded Hole
Grounding Options	Panel Ground
Connector Style	Receptacle
Size	Standard
Orientation	Right Angle
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
Number of Positions	19
Preloaded	Yes

Body Features

Shell Plating Finish	Matte
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]
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Termination Features

Contact Termination Type	Surface Mount
Termination Method	Solder

Mechanical Attachment

Locating Posts	With
PCB Mount Retention Type	Straight Leg
Mounting Location	Top
PCB Mounting Style	Surface Mount
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[.051 in][.069 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	Pick and Place Cover
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: JAN 2019
(197)
Candidate List Declared Against: JAN 2018
(181)

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 245°C
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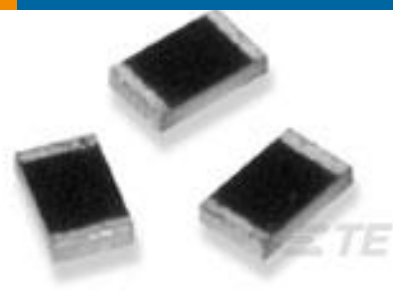
Product Compliance Disclaimer

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.

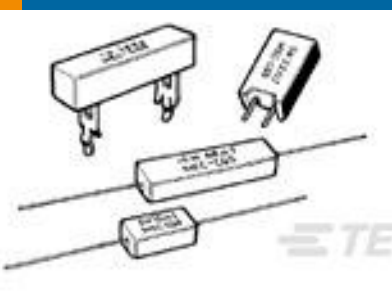
Customers Also Bought

 TE Part #647306-2 18P MTA100 HDR ASSY F /L OMIT#2	 TE Part #6-1676941-0 3630F 33UH 20%	 TE Part #3-1879226-2 CPF 1206 25K5 0.1% 25PPM 1K RL	 TE Part #6-1676941-4 3630F 68UH 20%
 TE Part #1-1624116-0 BMB-B 0603 420R	 TE Part #2-1625966-7 HSA10 2R7 5%	 TE Part #1676313-3 RN 0805 35K7 0.1% 10PPM 5KRL	 TE Part #1625885-9 1W SM M/OX 5% R68





TE Part #8-1879270-6
RP 2A 95R3 0.1% 15PPM
1K RL



TE Part #1623781-7
SQM3 270R 5% METAL
FILM

Documents

Product Drawings

Std HDMI, RA, SMT, Panel grd, Flange

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1747981-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1747981-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1747981-1_J.3d_stp.zip

English

Product Specifications

HDMI 19 POS

Japanese

Product Specification

Japanese

Product Specification

Japanese

HDMI CONNECTOR

Japanese