

Std HDMI, RA, SMT, Panel grd, Flange

✓ ACTIVE

TE Part # 9-1747981-1

TE Internal #: 9-1747981-1

[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[.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	



Aktuelle ECHA Kandidatenliste: JAN 2019 (197)
Kandidatenliste deklariert bezüglich: JAN 2018 (181)

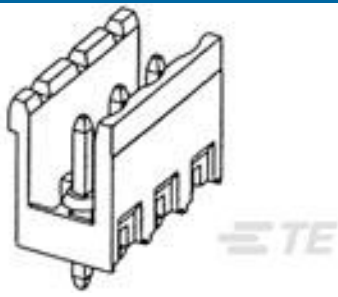
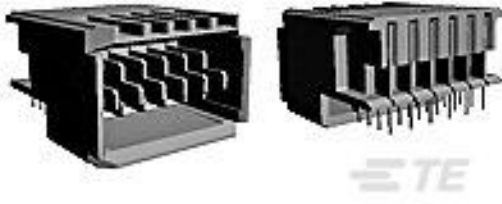
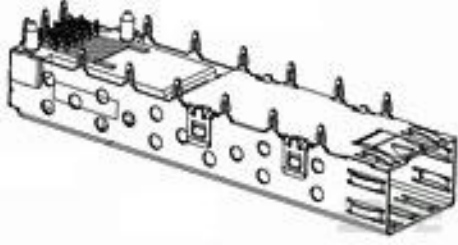
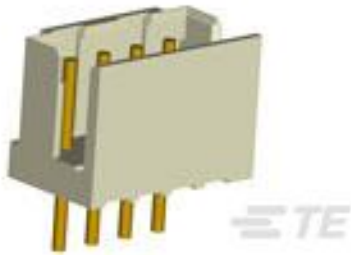
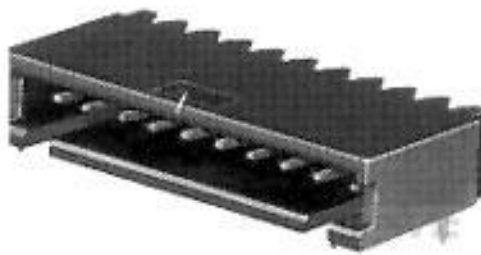
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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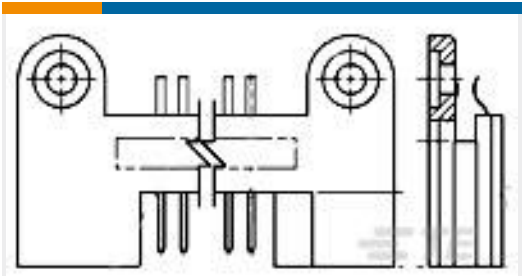
Solder Process Capability	Reflow solder capable to 245°C
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Product Compliance Disclaimer

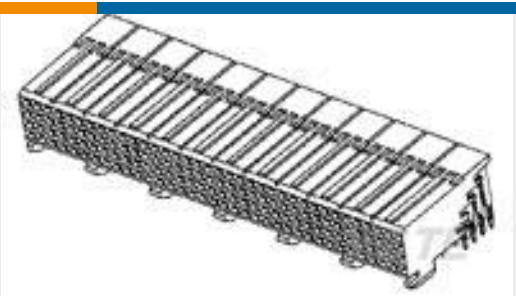
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #1-282822-4 TERMI-BLOK HEADER, ASSY90 14P.	 TE Part #111008-1 010 UNIV HDR SP 4V 30DP STD	 TE Part #120956-2 UPM EXPANDED PIN ASSEMBLY	 TE Part #2170039-1 1X1SFP CAGE ASSY & PT CONNECTOR ASSY
 TE Part #292134-5 CT BOX HDR ASSY V 5P AU W/KINK	 TE Part #3-644898-6 06P CST100 SHRD HDR ASSY LF	 TE Part #4-644898-0 10P CST100 SHRD HDR ASSY LF	 TE Part #5-103361-7 09 MODII HDR SRRA SHRD LF



TE Part #530785-4
BOX PIN 180 POS 075 C/L



TE Part #536510-2
2MM FB,ASY,048,SIG,REC,
SL,3.53

Documents

Product Drawings

Std HDMI, RA, SMT, Panel grd, Flange

English

CAD Files

Customer View Model

ENG_CVM_CVM_9-1747981-1_J.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1747981-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1747981-1_J.3d_stp.zip

English

Product Specifications

HDMI 19 POS

Japanese

Product Specification

Japanese