



**CONNECTORS**

**BOARD-TO-BOARD HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## HV190 REC ASSY 2X12P.

AMPMODU | AMPMODU

1-216604-2

TE Internal Number: 1-216604-2

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Number of Positions** 12

**Centerline (Pitch)** 2.54 mm [.1 in]

**Packaging Method** Box

**Contact Mating Area Plating Material** Gold

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **HV 190 HOR. ASSY DUAL ROW, GOLD VERSION, MAX. 2X65 POSITIONS**

PDF

**English**

CAD Files

#### **Customer View Model**

2D\_DXF.ZIP

**English**

#### **3D PDF**

PDF

**3D**

## Customer View Model

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector Style** Receptacle

**Sealable** No

**Connector & Contact Terminates To** Printed Circuit Board

**Row-to-Row Spacing** 7.62 mm [.3 in]

**Series** AMPMODU, HV-190

**PCB Mounting Orientation** Right Angle

**Connector Type** Connector Assembly

**Profile** Standard

**Product Type** Connector

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### Configuration Features

**Stackable** Yes

**Number of Positions** 12

**Number of Rows** 2

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### Contact Features

**Solder Tail Contact Plating Material** Tin

**Solder Tail Contact Plating Material Finish** Matte

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness (µin)** 30

**Contact Current Rating (Max) (A)** 3

**Solder Tail Contact Plating Thickness (µm)** 2.5

**Contact Base Material** Phosphor Bronze

**Contact Type** Socket

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### Termination Features

**Termination Method to PC Board** Through Hole - Solder

**Termination Post Length** 3.2 mm [.1259 in]

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### Mechanical Attachment

**PCB Mount Retention** Without

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### Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Entry Style** Closed Entry, Side  
**Housing Material** Polyester - GF  
**Housing Color** Green

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#### Dimensions

**Height** 5.8 mm [ .228 in ]  
**Tail Length (mm)** 3.2  
**PCB Thickness (Recommended) (mm)** 1.6

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#### Usage Conditions

**Operating Temperature Range (°C)** -65 – 125

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#### Operation/Application

**Assembly Process Feature** Board Standoff

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#### Industry Standards

**MIL-C-55032** No  
**UL Flammability Rating** UL 94V-0

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#### Packaging Features

**Packaging Method** Box  
**Packaging Quantity** 70

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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