



**CONNECTORS**

**HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

## AMP CT MT AMP-IN HDR-V BLU 15P

AMP-IN | AMP IN

3-173985-5

TE Internal Number: 3-173985-5

EU RoHS Compliant

EU ELV Compliant

**Number of Positions** 15

**Centerline (Pitch) (mm)** 2

**PCB Mounting Orientation** Vertical

**PCB Mounting Style** Through Hole

**Number of Rows** 1

[↓ PRODUCT DRAWING](#)  
Japanese

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **CT AMP - IN HEADER 2mm PITCH MT HORIZONTAL ( V-TYPE )**

PDF (TIFF AVAILABLE)

**English**

#### **CT CONN MANUAL MINI PRESS**

PDF

**Japanese**

CAD Files

#### **Customer View Model**

3D\_IGS.ZIP

**English**

## Customer View Model

3D\_STP.ZIP

English

## Customer View Model

2D\_DXF.ZIP

English

## 3D PDF

PDF

English

---

Product Specifications

Application Specification

## CT AMP-IN Headers, Termination Of 2mm Pitch, M/T V & H

PDF

English

Product Specification

## DOUBLE END TERMINATOR

PDF

Japanese

## DOUBLE END TERMINATOR

PDF

Japanese

## CT AMP-IN Headers, 2mm Pitch, M/T V & H

TIF

English

## CT AMP-IN Headers, 2mm Pitch, M/T V & H

PDF

English

---

Instruction Sheets

Instruction Sheet (non U.S.)

## MINI PRESS CT CONNECTOR (WAS IS-553J)

TIF

Japanese

## MINI PRESS CT CONNECTOR (WAS IS-553J)

PDF

Japanese

---

## FEATURES



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

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

---

Product Type Features

**PCB Mounting Orientation** Vertical  
**Product Type** Connector  
**Connector Style** Plug  
**Strain Relief** With

---

#### Configuration Features

**Number of Positions** 15  
**Number of Rows** 1  
**Backwall/Post Interruptions** Without

---

#### Electrical Characteristics

**Operating Voltage (VAC)** 125

---

#### Contact Features

**Contact Mating Area Plating Material** Pre-Tin  
**Contact Current Rating (Max) (A)** 2  
**Contact Base Material** Phosphor Bronze  
**Contact Termination Area Plating Material** Pre-Tin  
**Tail Plating Material** Pre-Tin  
**Contact Type** Pin

---

#### Mechanical Attachment

**PCB Mounting Style** Through Hole  
**PCB Mount Alignment** Without  
**Mating Retention** With  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Retention Solder Tails  
**Mating Alignment** With  
**Mating Retention Type** Polarized Lock  
**Mating Alignment Type** Polarization  
**Contact Retention** With

---

#### Housing Features

**Centerline (Pitch) (mm)** 2  
**Housing Material** PBT GF  
**Housing Color** Light Blue

---

#### Dimensions

**Insulation Diameter** .83 mm [ .032 – .041 in ]  
**Height** 5.1 mm [ .201 in ]  
**Tail Length** 3.5 mm [ .138 in ]  
**PCB Thickness (Recommended)** .8 mm [ .031 – .063 in ]  
**Length** 32 mm [ 1.26 in ]  
**Wire/Cable Size (AWG)** 28 – 26  
**Wire/Cable Size (mm<sup>2</sup>)** .08 – .15  
**Wire/Cable Size (CMA)** 159.8 – 252.8

---

#### Usage Conditions

**Operating Temperature Range** -40 – 105 °C [ -40 – 105 °F ]

---

#### Operation/Application

Pick and Place Cover Without

---

Industry Standards

**Agency/Standard** UL 94V-0

**UL Flammability Rating** UL 94V-0

---

Packaging Features

**Packaging Reel Diameter** 90

**Packaging Method** Tray, Tray/Box

**Packaging Quantity** 90

---

## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

---