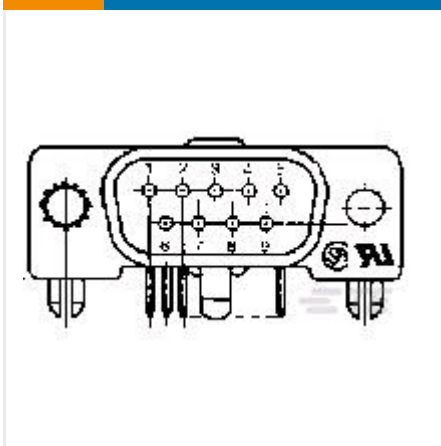




**CONNECTORS**

**PCB D-SUB CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## HDJ PLUG 9P RA 590

AMPLIMITE | HDI , Standard

5745001-2

TE Internal Number: 5745001-2

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Plug

**Number of Positions** 9

**Centerline (Pitch) (in)** .108

**Number of Rows** 2

**Shell Size** 1

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

**PLUG ASSEMBLY, SIZE 1, 9 POS, RIGHT ANGLE, .590 SERIES, .025 SQ POSTS, PANEL LOCKS, AMPLIMITE HDJ**  
PDF

**English**

CAD Files

**3D PDF**

PDF

**3D**

**Customer View Model**

2D\_DXF.ZIP

**English**

## 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

**Shell Type** All Plastic

**Connector Style** Plug

**Shell Size** 1

**Profile** Standard

**PCB Mounting Orientation** Right Angle

**Sealable** No

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

**Footprint** 14.99 mm [ .59 in ]

**Product Type** Connector

**Grounding Straps** Without

**Grounding Indents** Without

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### Configuration Features

**Number of Positions** 9

**Number of Rows** 2

**Preloaded** Yes

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### Body Features

**Post Size** .64 mm [ .025 in ]

**Plastic** Yes

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### Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel

**Contact Shape** Square

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

**Contact Base Material** Brass

**Contact Mating Area Plating Material** Gold Flash over Palladium Nickel, Gold

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### Termination Features

**Grounding Clips** Without

**Termination Post Length** 3.18 mm [ .125 in ]

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### Mechanical Attachment

**Panel Mount Retention** With  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Panel Locks  
**Mating Connector Lock** Without  
**Mounting Hole Diameter (in)** .125

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#### Housing Features

**Centerline (Pitch) (in)** .108  
**Housing Color** Black  
**Housing Material** Thermoplastic

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#### Dimensions

**PCB Thickness (Recommended)** 1.57 mm [ .062 in ]

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#### Industry Standards

**UL Flammability Rating** UL 94V-2

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#### Packaging Features

**Packaging Quantity** 17  
**Packaging Method** Tube

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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