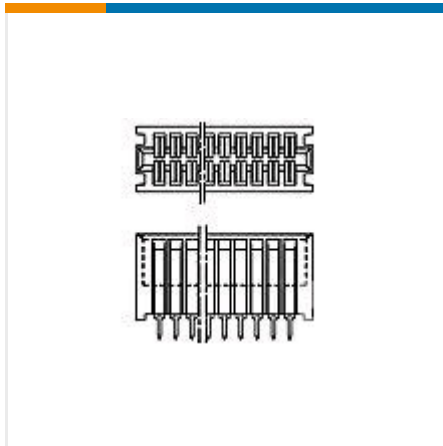




**CONNECTORS**

**STANDARD EDGE CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## 4P RANDSTECKER DB

AMP

166087-4

TE Internal Number: 166087-4

EU RoHS Compliant

EU ELV Compliant

**Connector System** Board-to-Board

**Number of Positions** 4

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

**Product Type** Connector

**Number of Rows** 2

↓ **PRODUCT DRAWING**  
Italian

↓ **3D PDF**

### DOCUMENTATION

Product Drawings

**3,4,5,7,12,18 Pos. AMP EDGE Connector Dual Loaded With B.t.b. Contacts**

PDF (TIFF AVAILABLE)

Italian

CAD Files

**Customer View Model**

3D\_IGS.ZIP

English

**Customer View Model**

2D\_DXF.ZIP

English

## 3D PDF

PDF

3D

## 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.

### Product Type Features

**Connector System** Board-to-Board

**Product Type** Connector

**Connector Style** Receptacle

**PCB Mounting Orientation** Vertical

**Row-to-Row Spacing** 5.08 mm [ .2 in ]

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

**Connector Type** Connector Assembly

**Post Type** Board-to-Board

### Configuration Features

**Number of Positions** 4

**Number of Rows** 2

**Selectively Loaded** No

### Electrical Characteristics

**Hot Pluggable** No

### Contact Features

**Solder Tail Contact Plating Material** Tin

**Contact Type** Socket

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness** .38  $\mu\text{m}$  [ 15  $\mu\text{in}$  ]

**Contact Base Material** Phosphor Bronze

**Contact Termination Area Plating Material** Tin

**Contact Termination Area Plating Material Finish** Matte

**Contact Termination Area Plating Thickness ( $\mu\text{m}$ )** 3

### Termination Features

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

**Termination Post Length** 3.2 mm [ .13 in ]

### Mechanical Attachment

**Panel Mount Retention** Without  
**PCB Mount Alignment** Without  
**Contact Retention** Without  
**Mating Retention** Without  
**PCB Mount Retention** Without  
**Mating Alignment Type** Polarization  
**Mating Alignment** With

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#### Housing Features

**Centerline (Pitch)** 2.54 mm [ .1 in ]  
**Housing Color** Green  
**Housing Material** Thermoplastic Polyester -20% GF  
**End Caps** Without  
**Housing Style** Closed End

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#### Dimensions

**Card Slot Depth** 7.9 mm [ .31 in ]

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#### Operation/Application

**For Use With** Mates with Plug

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#### Industry Standards

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

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#### Packaging Features

**Packaging Quantity** 34  
**Packaging Method** Box & Tube, Tube

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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