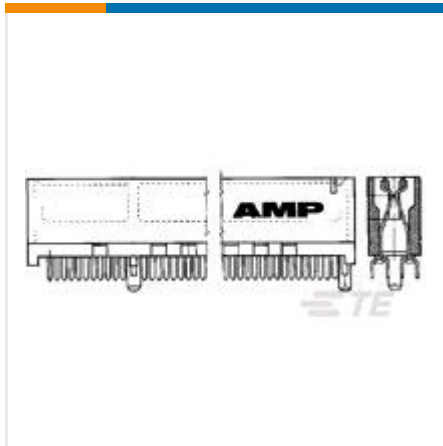




**CONNECTORS**

**STANDARD EDGE CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## CONNECTOR ASSEMBLY, DUAL POSITIONS, .050

Standard Edge Connectors | Dual Connection , Standard

5650092-1

TE Internal Number: 5650092-1

EU RoHS Compliant

EU ELV Compliant

**Connector System** Board-to-Board

**Centerline (Pitch)** 1.27 mm [ .05 in ]

**Product Type** Connector

**Number of Dual Positions** 91

**Number of Rows** 2

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

**CONNECTOR ASSEMBLY, 91 DUAL POSITION, .050 SERIES,**

PDF (TIFF AVAILABLE)

**English**

CAD Files

**3D PDF**

PDF

**English**

**Customer View Model**

2D\_DXF.ZIP

**English**

## Customer View Model

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

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Product Specifications

Application Specification

## Card Edge Printed Circuit (PC) Board Connectors

PDF

English

Product Specification

## Connector, Card Edge, .050 Centerline

PDF

English

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Product Environmental Compliance

TE Material Declaration

## MD\_5650092-1\_04122016459\_dmtec

PDF

English

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## 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 System** Board-to-Board

**Product Type** Connector

**Connector Style** Receptacle

**PCB Mounting Orientation** Vertical

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

**Type of Connector** Card Edge

**Connector Type** Connector Assembly

**Post Type** Solder Post

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### Configuration Features

**Number of Dual Positions** 91

**Number of Rows** 2

**Selectively Loaded** No

**Number of Pylons** 2

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### Electrical Characteristics

**Hot Pluggable** No

**Operating Voltage** 203 VAC

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## Body Features

**Color** Brown

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## Contact Features

**Solder Tail Contact Plating Material** Tin-Lead

**Underplate Material** Nickel

**Contact Current Rating (Max) (A)** 1

**Contact Mating Area Plating Material** Gold

**Contact Mating Area Plating Thickness (µm)** .76

**Contact Termination Area Plating Material** Tin-Lead

**Contact Termination Area Plating Material Finish** Bright

**Contact Termination Area Plating Thickness** 2.54 µm [ 100 µin ]

**Contact Type** Socket

**Contact Base Material** Phosphor Bronze

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## Termination Features

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

**Termination Post Length** 2.54 mm [ .1 in ]

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## Mechanical Attachment

**PCB Mount Alignment** With

**PCB Mount Retention Type** Boardlocks

**PCB Mount Retention** With

**Mating Retention** Without

**Mating Alignment** With

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## Housing Features

**Centerline (Pitch)** 1.27 mm [ .05 in ]

**Housing Color** Brown

**Housing Material** High Temperature Thermoplastic

**End Caps** Without

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## Dimensions

**Height** 13.97 mm [ .55 in ]

**Card Slot Depth** 7.62 mm [ .3 in ]

**Daughter Board Thickness** 1.37 – 1.78 mm [ .054 – .07 in ]

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## Usage Conditions

**Operating Temperature Range (°C)** -55 – 85

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## Packaging Features

**Packaging Quantity** 35

**Packaging Method** Box

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## Other

**Comment** Connector used for MCA Bus applications.

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Statement of Compliance

**Statement of Compliance**

PDF

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