# 650906-5 ✔ ACTIVE

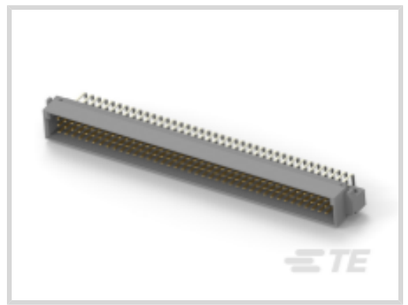
EUROCARD

TE Internal #: 650906-5

Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 2.64 mm [.104 in], 120 Position, 2.54mm [.1in] Centerline

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **2.64 mm [ .104 in ]**

Number of Positions: **120**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector & Housing Type | Plug |
| Connector System | Board-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| DIN Size | Expanded |
| DIN Level | II |

### Configuration Features

| | |
|---|---|
| Number of Positions | 120 |
| Number of Rows | 3 |
| PCB Mount Orientation | Right Angle |
| Number of Columns | 40 |
| Number of Power or Coaxial Positions | 120 |
| Number of Signal Positions | 120 |
| Rows Loaded | A, B, C |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |

## Contact Features

| | |
|---|---|
| Contact Cross Section | .64 x .64 mm[.025 x .025 in] |
| PCB Contact Termination Area Plating Material Thickness | 2.54 – 5.08 µm[100 – 200 µin] |
| Contact Type | Pin |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Contact Mating Area Plating Material | Gold |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 1.5 A |

## Termination Features

| | |
|---|---|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Termination Post & Tail Length | 2.64 mm[.104 in] |

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment Type | Polarization |
| Mating Alignment | With |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |
| Connector Mounting Type | Board Mount |

## Housing Features

| | |
|---|---|
| Housing Material | Polyester - GF |
| Centerline (Pitch) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 12.62 mm[.497 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Shielded | No |
| Circuit Application | Power & Signal |

## Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Box |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 240°C |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## Compatible Parts



TE Part # 535097-5
120 EURO TYPE C RECEPT ST ASSY

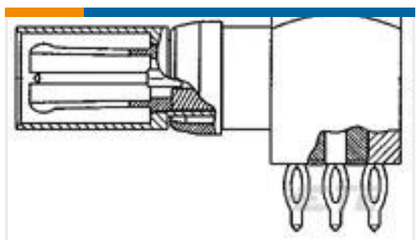
## Customers Also Bought



TE Part #1-5747299-6
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm



TE Part #1-5103309-0
A/L LOW PRO HDR 50P VERT BLACK



TE Part #148386-1
TYPE C,PIN ASSY.RTANG, RF



TE Part #1-103327-6
16 MODII HDR SRST B/A .100CL



TE Part #1060904-1
MCX R/A PLUG CRIMP 5837 5010 10



TE Part #104361-9
10 MTE HDR SRRA LATCH W/HLDWN



TE Part #1060888-1
5837 5002 10



TE Part #1-776228-5
AMPSEAL HEADERS



TE Part #GA10K3MCD1
MCD PROBE, 10K OHMS,



TE Part #1-104361-1
12 MTE HDR SRRA LATCH W/HLDWN

## Documents

### Product Drawings

120 EURO TYPE C PIN ST ASSY

English

120 EURO TYPE C PIN ST ASSY

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650906-5_L_c-650906-5-l.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_650906-5_L_c-650906-5-l.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650906-5_L_c-650906-5-l.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Application Specification

English

## Product Environmental Compliance

### TE Material Declaration

English

## Instruction Sheets

### Instruction Sheet (U.S.)

English