



Connectors > Socket Connectors > IC Sockets > LGA Sockets



IC Socket Type: **LGA 1150**

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

Number of Positions: **1150**

Contact Mating Area Plating Material Thickness: [ 15 µin ]

Centerline (Pitch): .91 mm [ .036 in ]

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Board-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                     |                                 |
|---------------------|---------------------------------|
| Number of Positions | 1150                            |
| Grid Spacing        | .914 x .914 mm [.036 x .036 in] |

### Body Features

|             |        |
|-------------|--------|
| Frame Style | Square |
|-------------|--------|

### Contact Features

|                                      |              |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Gold         |
| Contact Base Material                | Copper Alloy |
| IC Socket Type                       | LGA 1150     |
|                                      | 15 µin       |
| Contact Current Rating (Max)         | .5 A         |

### Mechanical Attachment

|                    |                           |
|--------------------|---------------------------|
| PCB Mounting Style | Surface Mount Solder Ball |
|--------------------|---------------------------|

Connector Mounting Type

Board Mount

### Housing Features

Housing Material

High Temperature Thermoplastic

Housing Color

Black

Centerline (Pitch)

.91 mm[.036 in]

### Usage Conditions

Operating Temperature Range

-25 – 100 °C[-13 – 212 °F]

### Operation/Application

Circuit Application

Signal

### Industry Standards

UL Flammability Rating

UL 94V-0

### Packaging Features

Tray Color

Black

Packaging Method

Bag

### Other

Socket Connector Comment

Lead-Free Solderball

## 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: JUNE 2022 (224)  
 Candidate List Declared Against: JAN 2022 (223)  
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°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>

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2134928-1\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2134928-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2134928-1\\_A.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