



Connectors > Socket Connectors > IC Sockets > LGA Sockets > LGA 2011 SOCKETS



IC Socket Type: **LGA 2011**

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

Number of Positions: **2011**

Contact Mating Area Plating Material: **Gold**

Contact Mating Area Plating Material Thickness: **[30 µin]**

[All LGA 2011 SOCKETS \(6\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|------------------------------------|
| Number of Positions | 2011 |
| Grid Spacing | 1.016 x .8814 mm [.040 x .0347 in] |

Body Features

| | |
|-------------------|--------|
| Frame Style | Square |
| Plating Material | Gold |
| Plating Thickness | 30 µin |

Contact Features

| | |
|-----------------------|--------------|
| Contact Base Material | Copper Alloy |
| IC Socket Type | LGA 2011 |



| | |
|--------------------------------------|--------|
| Contact Mating Area Plating Material | Gold |
| | 30 µin |
| Contact Current Rating (Max) | .5 A |

Mechanical Attachment

| | |
|-------------------------|---------------------------|
| Heat Sink Attachment | Without |
| PCB Mounting Style | Surface Mount Solder Ball |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|--------------------------------|
| Centerline (Pitch) | 1.02 mm [.04 in] |
| Housing Material | High Temperature Thermoplastic |
| Housing Color | Black |

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 | Blue |
| Packaging Method | Tray |

Other

| | |
|---------|----------------------|
| 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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>

Customers Also Bought



TE Part #1761327-2
SFP+ Stacked Cage Assemblies



TE Part #2-1735482-3
Free Height Receptacle Conn: Board-Board, Vertical, 80, 0.8mm



TE Part #2149979-3
IMP100S,H,V4P6C,LG,REW39,5.5



TE Part #2204061-2
CONNECTOR ASSEMBLY, SEC II POW



TE Part #5-292228-4
MINI COMMON TERMINATION HEADERS



TE Part #2057404-1
IMP100S,R,RA2P10C,RG,39



TE Part #2291491-1
zSFP+ Stacked Cage Assembly: EMI Spring



TE Part #2007855-3
IMP100S,H,V5P10C,UG,REW39,5.5



TE Part #7-6450550-1
MBXL VERT RCPT 2P+24S+2P

Documents



Product Drawings

[SOCKET ASSY LGA2011-1 0.76um Au](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2174988-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174988-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174988-2_D.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English