TE Internal #: 2201838-2

LGA Sockets, LGA 2011, Board-to-Board, 2011 Position, Gold,

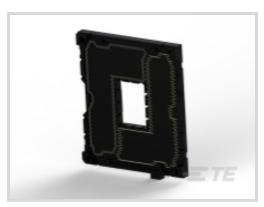
Contact Mating Area Plating Material Thickness 30 µin, 1.02mm [.

04in] Centerline

View on TE.com >

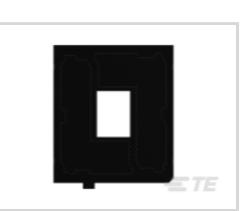


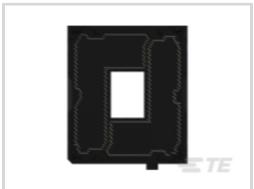
Connectors > Socket Connectors > IC Sockets > LGA Sockets > LGA 2011 SOCKETS











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	Black
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

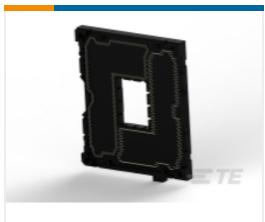
#### Product Compliance Disclaimer

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

## Compatible Parts



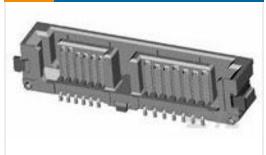
# **Customers Also Bought**



TE Part #1554653-1 LGA 2011 SOCKETS



TE Part #1888631-2 Cage Assy SAN Hsink QSFP Thru Bezel



TE Part #1735574-3 Assembly Slimline SATA Plug Vertical, TH



TE Part #1775485-2 Battery Holder, 3.6mm, BLU,low profile



TE Part #1-2324271-3 RIGHT SEGMENT LGA4189-4 SOCKETP4 FOR ODM



TE Part #1-2324271-4 LEFT SEGMENT LGA4189-4 SOCKET-P4 FOR ODM



TE Part #1888247-2 SFP Connectors



TE Part #9-440054-4
AMP HPI 2.0MM RECEPTACLE
HOUSINGS







### **Documents**

## **Product Drawings**

SOCKET ASSY LGA2011-3 0.76um Au

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2201838-2\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2201838-2\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2201838-2\_C.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** 

MD\_2201838-2\_06062018434\_dmtec

English

MD\_2201838-2\_06062018434\_dmtec

English