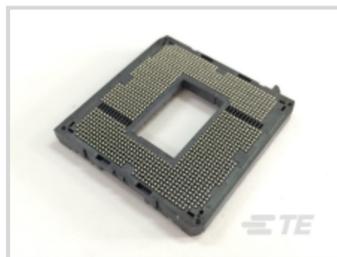




Connectors > Socket Connectors > IC Sockets > LGA Sockets



IC Socket Type: **LGA 1151**

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

Number of Positions: **1151**

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	1151
Grid Spacing	.914 x .914 mm [.036 x .036 in]

Body Features

Frame Style	Square
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
IC Socket Type	LGA 1151
	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]
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Usage Conditions

Operating Temperature Range	-25 – 100 °C[-13 – 212 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Tray Color	Gray
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Packaging Method	Tray
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Other

Socket Connector Comment	Lead-Free Solderball
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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

Product Drawings

[SOCKET ASSY LGA1151, 0.38AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2287402-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2287402-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2287402-1_B.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[MD_2287402-1_0130201828_dmtec](#)

English

[MD_2287402-1_0130201828_dmtec](#)

English