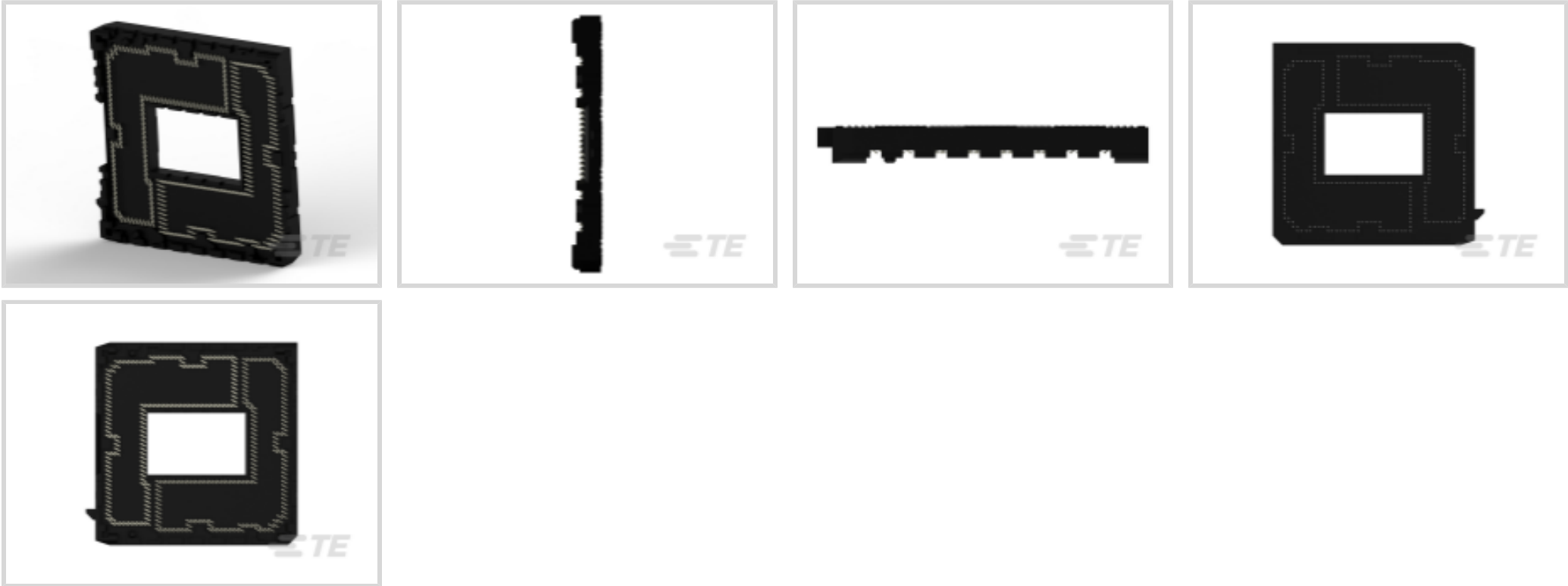




TE Internal #: 2134928-1
LGA Sockets, LGA 1150, Board-to-Board, 1150 Position, Gold,
Contact Mating Area Plating Material Thickness 15 µin, .91mm [.036in] Centerline
[View on TE.com >](#)

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: **Gold**
Contact Mating Area Plating Material Thickness: **[15 µin]**

Features

Product Type Features

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

Configuration Features

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

Body Features

Frame Style	Square
Plating Material	Gold
Plating Thickness	15 µin

Contact Features

Contact Base Material	Copper Alloy
IC Socket Type	LGA 1150
Contact Mating Area Plating Material	Gold



	15 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)	.91 mm[.036 in]
Housing Material	High Temperature Thermoplastic
Housing Color	Black

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	Black
Packaging Method	Bag

Other

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
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



TE Part # 2069838-7
ILM KIT, LGA115X



TE Part # 2069838-4
ILM KIT, LGA115X



TE Part # 2013883-2
BACK PLATE ASSY, LGA115X



TE Part # 2069838-5
ILM KIT, LGA115X



TE Part # 1-2069838-3
ILM KIT, LGA115X



TE Part # 2013882-1
ILM ASSY, LGA115X



TE Part # 2013882-2
ILM ASSY WITH SCREW, LGA115X

Customers Also Bought



TE Part #173081-2
EIS POST ASSY V 2P GOLD NATU.



TE Part #1-5316318-1
.6FHR12H,160,S,GIG,08/Sn,HT,SEYes



TE Part #6450160-3
MBXL R/A RCPT 1P+24S+1P



TE Part #1-5316318-0
.6FHR12H,140,S,GIG,08/Sn,HT,SEYes



TE Part #1-1827583-2
DYNAMIC 1500T HDR ASSY

TE Part #1-1932680-1
DDR3 DIMM SOCKETS

TE Part #1-1734774-6
PCI EXP 3.1L 164 POS BLK 15u"

TE Part #1-1775099-2
ATX PWR CONN 1 BDLK 4 POS

TE Part #1734774-4
PCI EXP 3.1L 36 POS BLK 15u"

TE Part #1-2069838-3
ILM KIT, LGA115X

Documents

Product Drawings
SOCKET ASSY LGA1150

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2134928-1_A.2d_dxf.zip

English

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

Product Environmental Compliance
TE Material Declaration

English