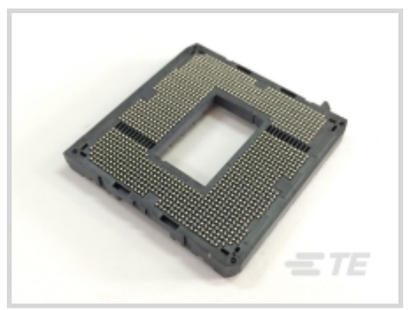
2287402-1 × OBSOLETE

TE Internal #: 2287402-1

TE Internal Description: SOCKET ASSY LGA1151, 0.38AU

View on TE.com >

Connectors > Socket Connectors > IC Sockets > LGA Sockets



IC Socket Type: **LGA 1151**

Number of Positions: **1151**

Contact Mating Area Plating Material Thickness: **.38 µm [15 µin]**

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

Termination Method to PCB: **Surface Mount - Solder Ball**

Features

Product Type Features

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

Configuration Features

Number of Positions	1151
Grid Spacing	.914 x .914 mm[.036 x .036 in]

Body Features

Frame Style	Square

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
IC Socket Type	LGA 1151
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Surface Mount - Solder Ball

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	.91 mm[.036 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Tray Color	Gray
Packaging Method	Tray

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 2025 (250) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



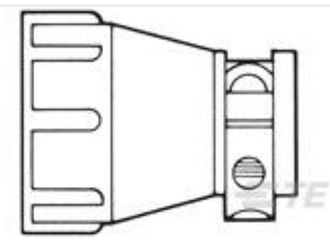
TE Part #1-66098-8
III+ PIN,18-16,TIN STRIP



TE Part #2-66102-5
III+ PIN,24-20,TIN ,STRIP



TE Part #3-66104-0
III+ SKT,24-20,TIN ,STRIP



TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #206837-1
CPC PLUG ASSEMBLY SIZE 23-24



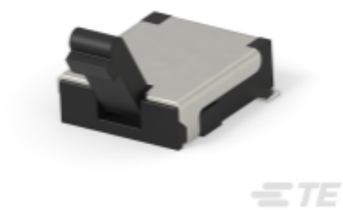
TE Part #206838-1
23-24 RECEPT



TE Part #3-1649329-1
RT444012



TE Part #1734753-1
MINI USB, TYPE B, VERTICAL, T/H



TE Part #2331414-1
DET SW4.2X3.6X1.2 GW VERT(DW) NO AGAU RL



TE Part #5406299-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT 5e

Documents

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English