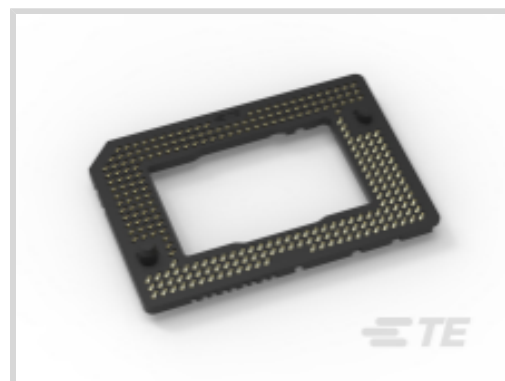




Connectors > Socket Connectors > IC Sockets > LGA Sockets



IC Socket Type: **LGA 257**

Number of Positions: **257**

Centerline (Pitch): **1 mm [.039 in]**

Termination Method to PCB: **Surface Mount**

Grid Spacing: **1 x 1 mm [.039 x .039 in]**

Features

Contact Features

IC Socket Type	LGA 257
Contact Current Rating (Max)	1 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
	30 μin

Configuration Features

Number of Positions	257
Grid Spacing	1 x 1 mm [.039 x .039 in]

Housing Features

Centerline (Pitch)	1 mm [.039 in]
Housing Material	High Temperature Thermoplastic
Housing Color	Black

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

Product Type Features

Connector & Contact Terminates To

Printed Circuit Board

Connector System

Board-to-Board

Body Features

Frame Style

C Shape

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

White

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 2024 (241)
 Candidate List Declared Against: JUN 2018 (191)
 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

Not reviewed for solder process capability

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



Documents

[Product Drawings](#)



DUAL LGA,257 POS, DMD SOCKET

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2319757-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2319757-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2319757-1_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