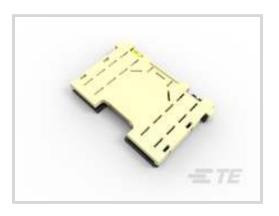
# 2-2129710-6 - ACTIVE

TE Internal #: 2-2129710-6 LGA Sockets, LGA 3647, 1823 Position, .039 in / .034 in [.99 mm / . 86 mm] Centerline, Surface Mount Solder Ball Mount View on TE.com >



Connectors > Socket Connectors > IC Sockets > LGA Sockets > LGA 3647 Sockets



IC Socket Type: LGA 3647 Connector System: Board-to-Board Number of Positions: 1823 Contact Mating Area Plating Material Thickness: [30 µin] Centerline (Pitch): .86 mm, .99 mm [.034 in, .039 in]

#### All LGA 3647 Sockets (8)

#### Features

#### Product Type Features

Connector System

Board-to-Board

Connector & Contact Terminates To

Printed Circuit Board

## **Configuration Features**

Number of Positions	1823	
Grid Spacing	.9906 x .8585 mm[.039 x .0338 in]	
Body Features		
Frame Style	C Shape	
Contact Features		
Contact Mating Area Plating Material	Gold	
Contact Base Material	Copper Alloy	
IC Socket Type	LGA 3647	
	30 µin	
Contact Current Rating (Max)	.5 A	
Mechanical Attachment		
PCB Mounting Style	Surface Mount Solder Ball	
Connector Mounting Type	Board Mount	
Housing Features		

## 2-2129710-6

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High Temperature Thermoplastic	
Black	
.86 mm, .99 mm[.034 in][.039 in]	
-25 – 100 °C[-13 – 212 °F]	
Signal	
UL 94V-0	
Blue	
Tray	
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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

#### 2-2129710-6

LGA Sockets, LGA 3647, 1823 Position, .039 in / .034 in [.99 mm / .86 mm] Centerline, Surface Mount Solder Ball Mount



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-onreach

# **Compatible Parts**



Customers Also Bought

TE Part #1-2379397-5 MCIO INTERGRATED CONN, V/T,8X, SMT TYPE	TE Part #1-2340321-4 ASSY STRADDLE MOUNT 168P 076 SLIVER 2.0	TE Part #2-2328461-1 280 POS., CONNECTOR ASSEMBLY, SLIVER 2.0	TE Part #2187793-1 SW PIR RECT, 100OHM, 4X10
TE Part #2187794-1 SW PIR RECT, 85OHM, 8X10	TE Part #7-2379893-4 PCIEG4,SMT,V,164P,15u",TR,1.5mm TAB	TE Part #2199155-5 DDR4 DIMM 288 PIN SMT TYPE	TE Part #2339207-2 56 POSITION SLIVER ORTHOGONAL EDSFF 1*1

### 2-2129710-6

LGA Sockets, LGA 3647, 1823 Position, .039 in / .034 in [.99 mm / .86 mm] Centerline, Surface Mount Solder Ball Mount



TE Part #2380138-1 SFP+ 1X1 CAGE ASSEMBLY, TAIL, LIGHT PIPE

# Documents

Product Drawings

RIGHT SIDE LGA3647-0 SOCKET-P0 FOR ODM

English

**CAD** Files

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-2129710-6\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-2129710-6\_C.3d\_igs.zip

English

Customer View Model

#### ENG\_CVM\_CVM\_2-2129710-6\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the  $\ensuremath{\text{Terms}}$  and  $\ensuremath{\text{Conditions}}$  of use.

Datasheets & Catalog Pages LGA 3647 Socket Product Flyer

English

Product Specifications Application Specification

English

Product Environmental Compliance Product Compliance Document

English

Product Compliance Document

English