# 1612618-4 ✔ ACTIVE

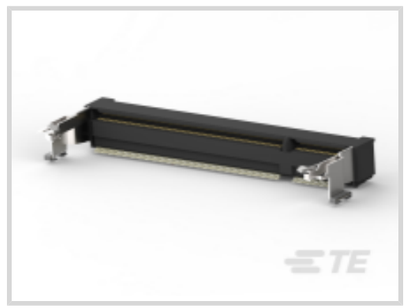
DDR2 SO DIMM

TE Internal #: 1612618-4

Double Data Rate (DDR) 2, 9.2 mm [.362 in] Stack Height, Right Angle Module Orientation, 200 Position, DDR2 SO DIMM, SO DIMM Sockets

View on TE.com >

Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets > DDR2 SO DIMM Sockets







DRAM Type: **Double Data Rate (DDR) 2**

Stack Height: **9.2 mm [ .362 in ]**

Module Orientation: **Right Angle**

Number of Positions: **200**

Centerline (Pitch): **.6 mm [ .024 in ]**

All DDR2 SO DIMM Sockets (27)

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System | Cable-to-Board |
| DRAM Type | Double Data Rate (DDR) 2 |

### Configuration Features

| | |
|---|---|
| Number of Bays | 2 |
| Number of Keys | 1 |
| Number of Rows | 2 |
| Module Orientation | Right Angle |
| Number of Positions | 200 |

### Electrical Characteristics

| | |
|---|---|
| DRAM Voltage | 1.8 V |

### Signal Characteristics

| | |
|---|---|
| SGRAM Voltage | 1.8 V |

## Body Features

| | |
|---|---|
| Latch Plating Material | Tin |
| Latch Material | Stainless Steel |
| Module Key Type | SGRAM |
| Ejector Type | Locking |
| Ejector Location | Both Ends |
| Connector Profile | Ultra High |

## Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | .5 A |
| Memory Socket Type | Memory Card |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Gold Flash |
| Contact Mating Area Plating Material | Gold Flash |

## Termination Features

| | |
|---|---|
| Insertion Style | Cam-In |
| Termination Method to PCB | Surface Mount |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| PCB Mount Retention Type | Solder Peg |
| Mating Alignment Type | Standard Keying |
| PCB Mount Retention | With |

## Housing Features

| | |
|---|---|
| Housing Material | High Temperature Thermoplastic |
| Housing Color | Black |
| Centerline (Pitch) | .6 mm[.024 in] |

## Dimensions

| | |
|---|---|
| Stack Height | 9.2 mm[.362 in] |
| Row-to-Row Spacing | 6.2 mm[.244 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 85 °C[-67 – 185 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 20 |
| Packaging Method | Semi-Hard Tray Assembly |

## 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)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 245°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



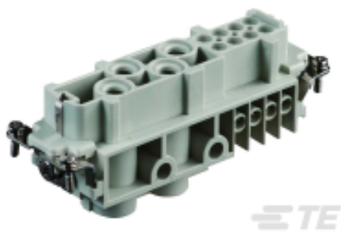
TE Part # 2309407-1
DDR4 SODIMM 260P 4.0H STD

## Also in the Series | DDR2 SO DIMM



SO DIMM Sockets(23)

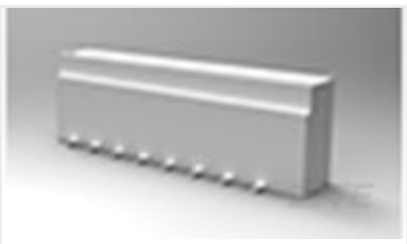
## Customers Also Bought



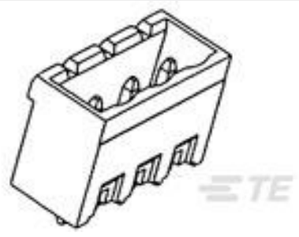
TE Part #T2100122201-000
HK4/8-012-F



TE Part #40810
RING TERMINAL 20-16 AWG TPBR



TE Part #2-84982-8
1MM FFC SMT V ASSY 28P EMBOSS



TE Part #796643-6
6POS 5.0MM CE VRT HDR,TRM BLK



TE Part #1676914-3
YR1 0.1% 357K



TE Part #1717468-4
SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 6




TE Part #CAT-C339-R529C
Thick Film Resistor: Current Sense



TE Part #3-2319764-4
E STACK PIANO 8P G LONG T&R PD ON

## Documents

### Product Drawings

SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 9

English

### CAD Files

3D PDF

3D

## Customer View Model

ENG_CVM_CVM_1612618-4_E2.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_1612618-4_E2.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_1612618-4_E2.3d_stp.zip

English

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

## Product Specifications

### Product Specification

English