1827341-4 ✓ ACTIVE

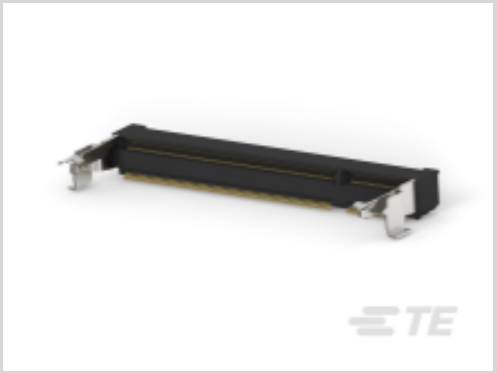
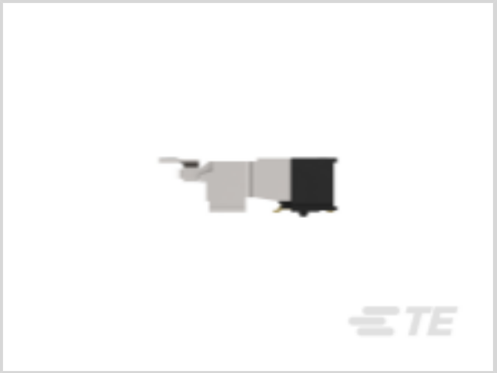
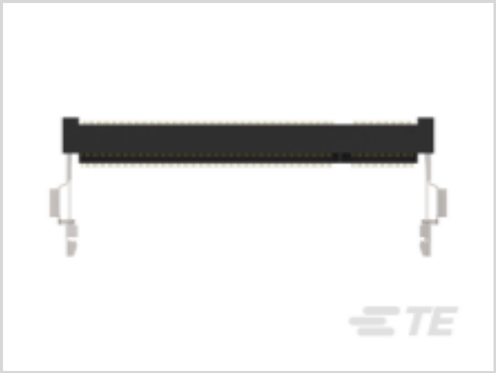
DDR SODIMM, DDR2 SO DIMM

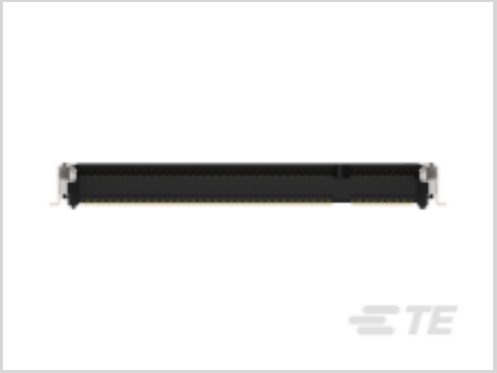
TE Internal #: 1827341-4

SO DIMM Sockets, Double Data Rate (DDR) 2, Stack Height .315 in [8 mm], Right Angle Module Orientation, Surface Mount Mount, DDR SODIMM

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: **8 mm [.315 in]**

Module Orientation: **Right Angle**

PCB Mounting Style: **Surface Mount**

Connector System: **Cable-to-Board**

All DDR2 SO DIMM Sockets (30)

Features

Product Type Features

Center Post	Without
DRAM Type	Double Data Rate (DDR) 2
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Socket

Configuration Features

Number of Bays	2
Center Key	Offset Left
Number of Keys	1
Module Orientation	Right Angle
Number of Positions	200
Number of Rows	2

Keying	Standard

Electrical Characteristics

DRAM Voltage	1.8 V

Signal Characteristics

SGRAM Voltage	1.8 V

Body Features

Ejector Location	Both Ends
Retention Post Location	Center
Module Key Type	Offset Left
Ejector Type	Locking
Connector Profile	Standard

Contact Features

Socket Style	SO DIMM
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	.5 A
Socket Type	Memory Card

Termination Features

Insertion Style	Cam-In

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.6 mm[.024 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Stack Height	8 mm[.315 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 Method	Box, Tray
Packaging Quantity	20

Product Compliance

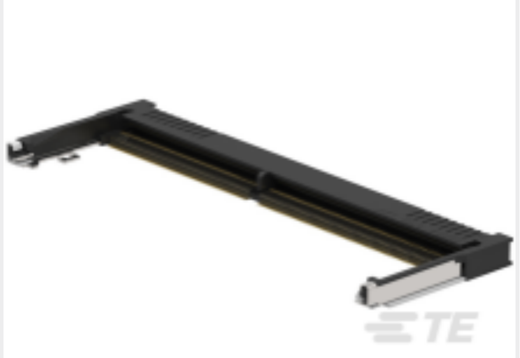
For compliance documentation, visit the product page on TE.com>

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

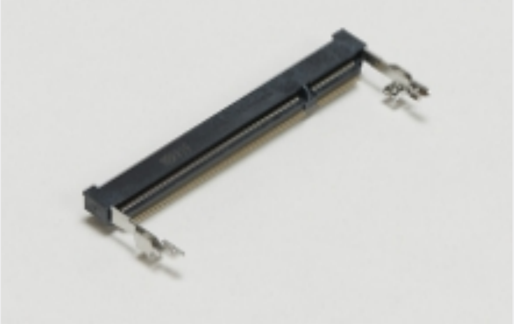
Compatible Parts



TE Part # 2309407-1

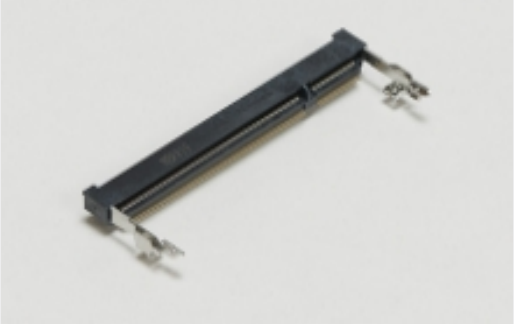
DDR4 SODIMM 260P 4.0H STD

Also in the Series | DDR SODIMM



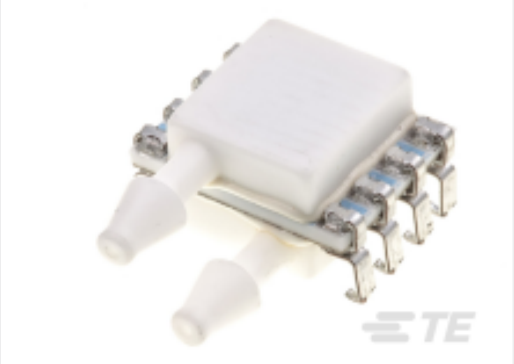
SO DIMM Sockets(7)

Also in the Series | DDR2 SO DIMM



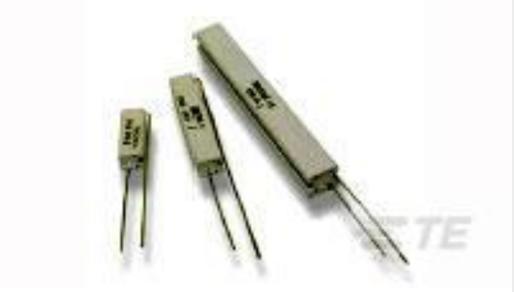
SO DIMM Sockets(24)

Customers Also Bought



TE Part #4515DO-DS3BK005DP

5IN PCB MOUNT I2C DIFF PRESSURE SENSOR



TE Part #1-1623732-0

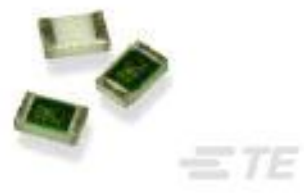
BCHE 7 W 180R 5%

TE Part #3-794619-8

08P MICRO MNL ASSY,R/A,HDR LF

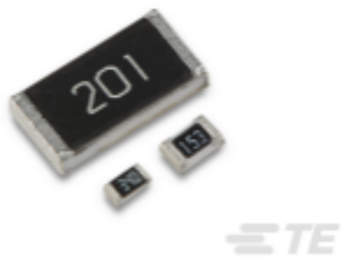
TE Part #5-1734857-5

PCI EXP STRADDLE 36P BLK 30u"



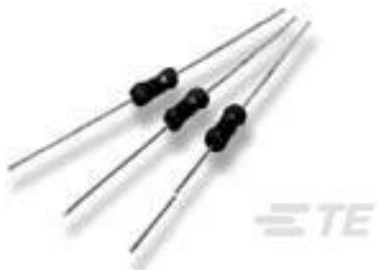
TE Part #6-1879061-4

CPF 0402 3K9 0.1% 25PPM 5K RL



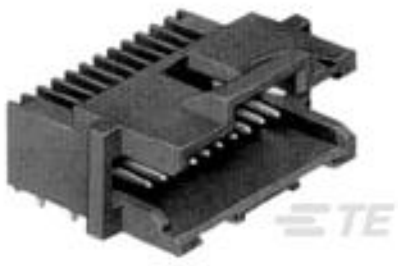
TE Part #3-2176326-1

CRGP 0603 3K3 1%



TE Part #1625889-3

2W SM M/OX 2% R47

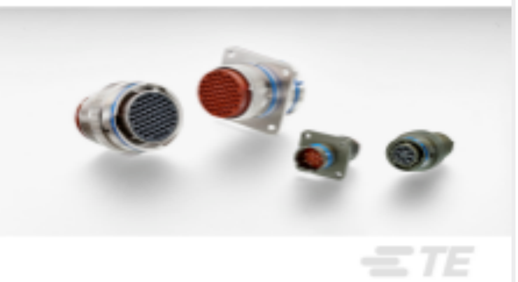


TE Part #5-104069-1

20 sys 50 hdr drra shrd sn

TE Part #4-1768017-8

EET-0615P-9



TE Part #YAFD57-14-19PNC012

PLUG ASSY

Documents

Product Drawings

DDR SODIMM SOCKET 200P 8H STD TYPE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1827341-4_G1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1827341-4_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1827341-4_G1.3d_stp.zip

English

Product Specifications

Product Specification

English

Product Environmental Compliance

MD_1827341-4_12112017724_dmtec

English

MD_1827341-4_12112017724_dmtec

English