1932680-2 × OBSOLETE

DDR3 DIMM, DDR3 SO DIMM

TE Internal #: 1932680-2

TE Internal Description: VLP DDR3 DIMM 240POS. 1.0PITCH

DDR3 DIMM Sockets

View on TE.com >

Connectors > Socket Connectors > Memory Sockets > DIMM Sockets > DDR3 DIMM Sockets



DRAM Type: **Double Data Rate (DDR) 3**

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

Number of Positions: **240**

Termination Method to PCB: **Through Hole - Solder**

Module Orientation: **Vertical**

All DDR3 DIMM Sockets (13)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
DRAM Type	Double Data Rate (DDR) 3
Connector System	Board-to-Board

Configuration Features

Number of Keys	1
Number of Bays	2
Number of Rows	2
Number of Positions	240
Module Orientation	Vertical

Electrical Characteristics

DRAM Voltage	1.5 V

Body Features

Retention Post Location	Both Ends
Latch Color	Black
Latch Material	Thermoplastic
PCB Retention Feature Material	Copper Alloy
Ejector Material Color	Black

Module Key Type	Offset Left
Ejector Location	Both Ends
Ejector Material	Thermoplastic
Ejector Type	Rotary

Contact Features

Socket Style	DIMM
Contact Mating Area Plating Material Thickness	.51 µm[20 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Gold (Au)
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.5 A

Termination Features

Insertion Style	Direct Insert
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mount Angle	Vertical
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Offset Left
Mating Alignment	Without

Housing Features

Housing Color	Black
Housing Material	High Temperature Nylon
Centerline (Pitch)	2 mm[.07 in]

Dimensions

Center Retention Hole Diameter	2.45 mm[.096 in]
Profile Height from PCB	21 mm[.82 in]
Row-to-Row Spacing	1.9 mm[.075 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	54
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: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave 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

Also in the Series | DDR3 DIMM



DIMM Sockets(9)

Also in the Series | DDR3 SO DIMM



DIMM Sockets(9)



SO DIMM Sockets(3)

Customers Also Bought



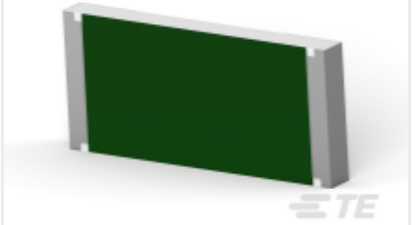
TE Part #NB18922001
RNF-100-1/16-YO-STK



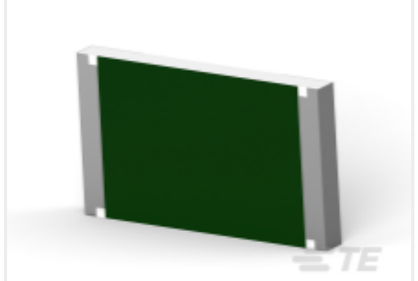
TE Part #1-1879128-4
RN 0402 604R 0.1% 10PPM 1K RL



TE Part #2118721-4
STD SHIELD COVER, AL-38.60X25.90X2.00MM



TE Part #2176403-2
3550 1R1 1%



TE Part #2176406-9
3560 2R2 1%



TE Part #1-5353727-0
.6FHP08H,280,B,GIG,08/Sn,ST,NSYes



TE Part #1-5353729-0
.6FHR04H,280,B,GIG,08/Sn,ST,NSYes



TE Part #2085958-1
ICCON,SIZE 4,LOCKING PIN ASSEMBLY



TE Part #5-535512-2
112 MODII HORZ DR CE EESS .100

Documents

Product Drawings

VLP DDR3 DIMM 240POS. 1.0PITCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1932680-2_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1932680-2_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1932680-2_A1.3d_stp.zip

English

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Product Specifications

Product Specification

English