



TE Internal #: 2040910-1
 SO DIMM Sockets, Double Data Rate (DDR), Vertical Module
 Orientation, 200 Position, .024 in [.6 mm] Centerline, Gold, Tray /
 Box, Power

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



DRAM Type: **Double Data Rate (DDR)**
 Module Orientation: **Vertical**
 Connector System: **Cable-to-Board**
 Number of Positions: **200**
 Centerline (Pitch): **.6 mm [.024 in]**

[All DDR2 SO DIMM Sockets \(30\)](#)

Features

Product Type Features

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

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Module Orientation	Vertical
Number of Positions	200

Electrical Characteristics

DRAM Voltage	2.5 V
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Signal Characteristics

SGRAM Voltage	1.8 V
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Body Features

Ejector Location	Both Ends
Latch Material	High Temperature Thermoplastic
Retention Post Location	Both Ends



Latch Plating Material	Tin
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Module Key Type	Offset Right
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Ejector Type	Standard
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Contact Features

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

Insertion Style	Cam-In
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Mechanical Attachment

Mating Alignment Type	Standard Keying
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PCB Mounting Style	Surface Mount
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PCB Mount Retention	With
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PCB Mount Retention Type	Solder Tail
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	.6 mm [.024 in]
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Dimensions

Row-to-Row Spacing	8.6 mm [.338 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C [-67 – 185 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	24
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Packaging Method	Box, Tray
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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 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>

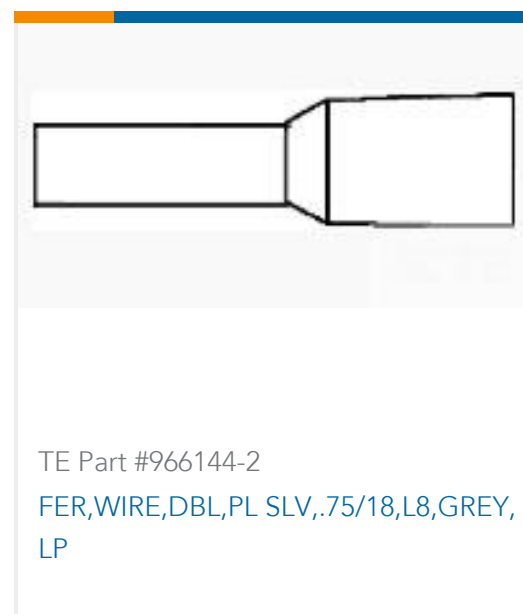
Compatible Parts



Customers Also Bought



TE Part #1879071-3
THS50 R05 5%



TE Part #966144-2
FER,WIRE,DBL,PL SLV,.75/18,L8,GREY,LP



TE Part #5223961-1
TE UPM R/A Header 3P STD Power, LLL



TE Part #9-1614884-6
CPF 0805 47K 0.1% 25PPM 1K RL



TE Part #3-2176093-0
RP 2A 0.25W 19K1 0.1% 25PPM 1K RL



TE Part #2176217-7
CPF A 0805 22R 0.1% 25PPM 1K RL



TE Part #8-2176397-5
3502 3K3 1%



TE Part #2176337-1
CRGCQ 0402 10R 1%



TE Part #1473149-1
SEMI-HARD TRAY ASSY DDR 200P 5



TE Part #2295036-1
SFP+ 1x1 Cage Assy, PF,with Heatsink

Documents

Product Drawings

[SEMI-HARD TRAY ASSY DDR 200P VERTICAL](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2040910-1_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2040910-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2040910-1_D.3d_stp.zip](#)

English

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Product Specifications



DDR S.O.DIMM Socket 200 Position Vertical type

Japanese

Product Specification

Japanese