



TE Internal #: 2-2355626-1
 Double Data Rate (DDR) 5, Board-to-Component, 288 Position,
 Surface Mount, Vertical Module Orientation, .85 mm [.033 in]
 Centerline, DIMM Sockets

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Connectors > Socket Connectors > Memory Sockets > DIMM Sockets



DRAM Type: **Double Data Rate (DDR) 5**
 Connector System: **Board-to-Component**
 Number of Positions: **288**
 Termination Method to PCB: **Surface Mount**
 Module Orientation: **Vertical**

Features

Product Type Features

DRAM Type	Double Data Rate (DDR) 5
Connector System	Board-to-Component
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	288
Module Orientation	Vertical
Number of Keys	1
Number of Bays	2
Number of Rows	2

Termination Features

Termination Method to PCB	Surface Mount
Insertion Style	Direct Insert
Termination Post & Tail Length	.89 mm [.035 in]

Housing Features

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Centerline (Pitch)	.85 mm[.033 in]
Housing Color	Black
Housing Material	High Temperature Nylon

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
Profile Height from PCB	21.3 mm[.083 in]

Body Features

Ejector Type	Rotary
Latch Color	Black
Latch Material	High Temperature Nylon
PCB Retention Feature Material	Stainless Steel
Connector Profile	Standard
Ejector Material Color	Black
Module Key Type	DRAM
Ejector Location	Both Ends
Ejector Material	High Temperature Nylon

Packaging Features

Packaging Method	Box & Tray
Packaging Quantity	640

Contact Features

Contact Current Rating (Max)	1.5 A
Contact Underplating Material	Nickel
Socket Style	DIMM
Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
PCB Contact Termination Area Plating Material Thickness	3 μ m[120 μ in]
Contact Mating Area Plating Material	Gold
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other



EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Electrical Characteristics

DRAM Voltage	1.1 V
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Mount Angle	Vertical
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PCB Mount Retention Type	Tab
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Mating Alignment Type	1 Key
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Mating Alignment	With
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PCB Mount Alignment Type	None
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Operation/Application

Circuit Application	High Speed Data
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Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

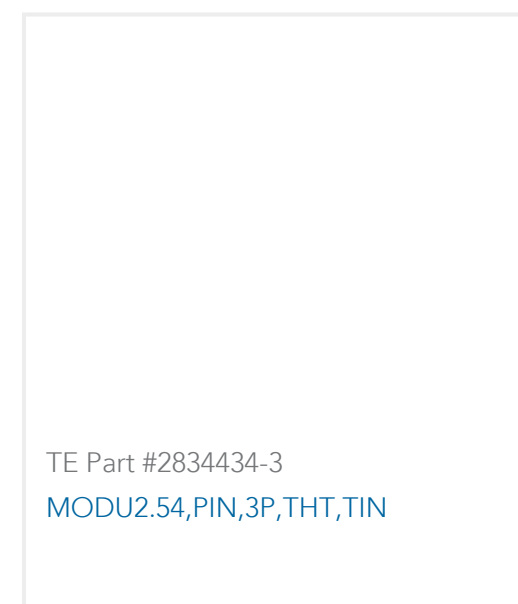
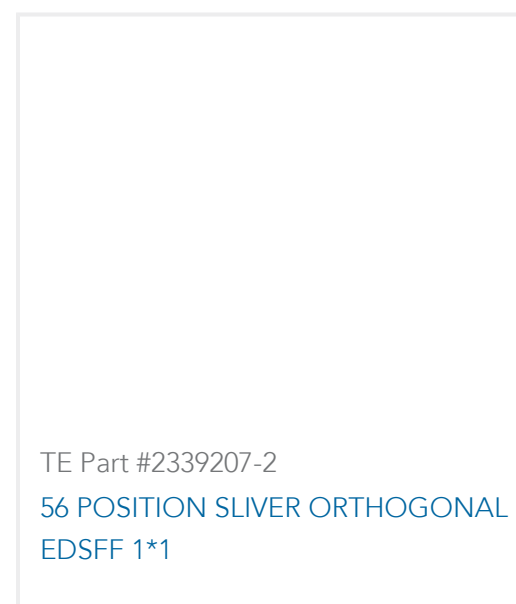
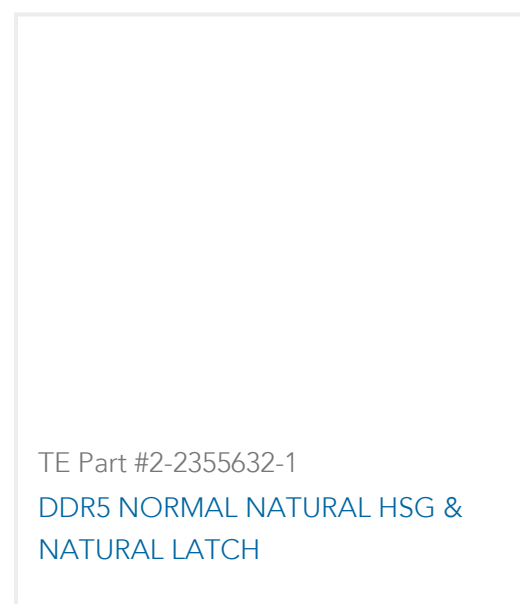
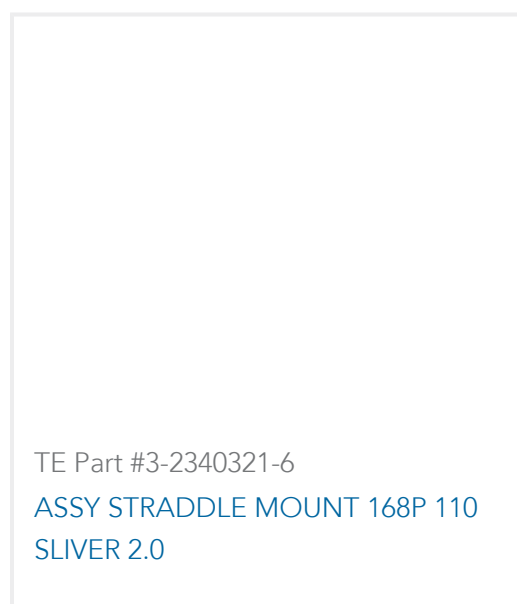
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Documents

Product Drawings

[DDR5 DIMM BLACK HSG AND BLACK LATCH](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-2355626-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2355626-1_A.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2-2355626-1_A.3d_stp.zip](#)

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English