

390113-1 ✓ ACTIVE



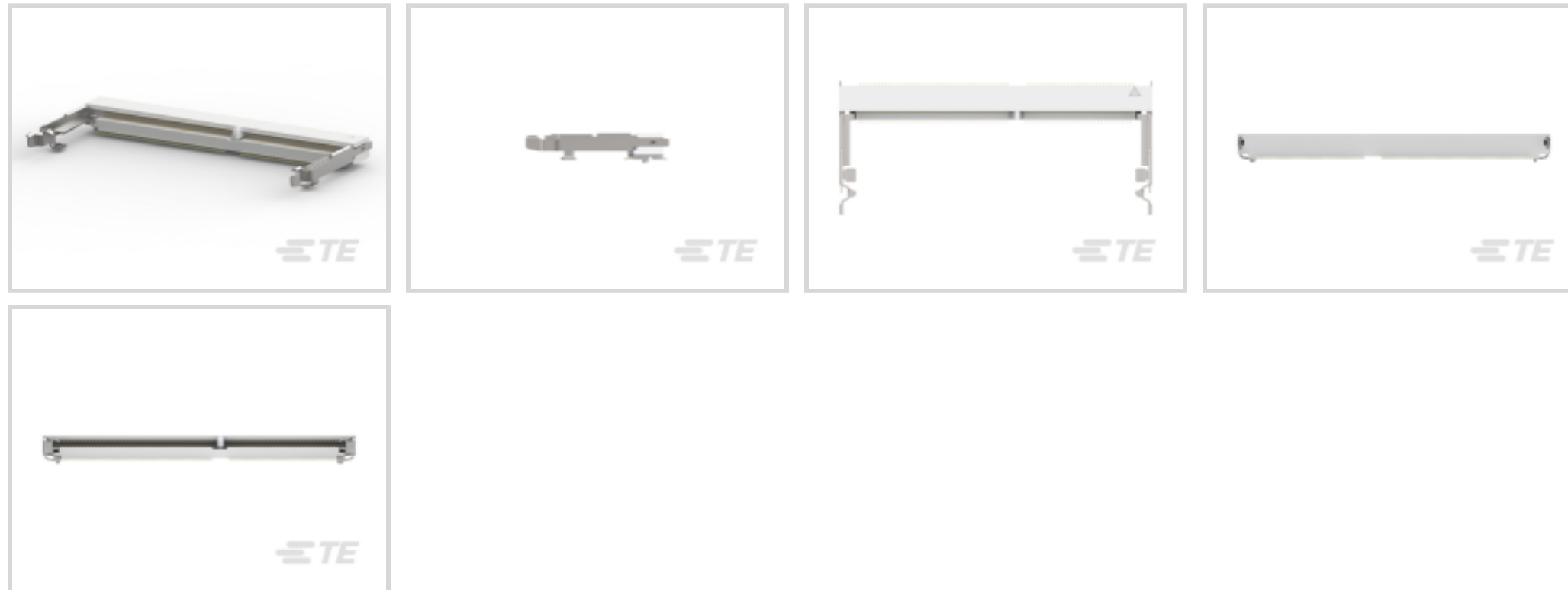
AMP-METRIMATE

TE Internal #: 390113-1

SO DIMM Sockets, Small Outline (SO), Stack Height .205 in [5.2 mm], Right Angle Module Orientation, Surface Mount Mount, Cable-to-Board, AMP-METRIMATE

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[Connectors](#) > [Socket Connectors](#) > [Memory Sockets](#) > [SO DIMM Sockets](#) > [DDR3 SO DIMM Sockets](#)



DRAM Type: **Small Outline (SO)**

Stack Height: **5.2 mm [.205 in]**

Module Orientation: **Right Angle**

PCB Mounting Style: **Surface Mount**

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

[All DDR3 SO DIMM Sockets \(12\)](#)

Features

Product Type Features

DRAM Type	Small Outline (SO)
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	144
Number of Rows	2



Electrical Characteristics

DRAM Voltage	3.3 V
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Body Features

Ejector Location	None
Latch Material	Stainless Steel
Latch Plating Material	Tin
Module Key Type	SDRAM
Connector Profile	Standard

Contact Features

Socket Style	SO DIMM
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.25 μm [9.84 μin]
Socket Type	Memory Card

Termination Features

Insertion Style	Cam-In
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Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Hold-Down Post
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.8 mm[.031 in]
Housing Color	Natural
Housing Material	High Temperature Plastic

Dimensions

Stack Height	5.2 mm[.205 in]
Row-to-Row Spacing	6.2 mm[.244 in]

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application



Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Method

Soft 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

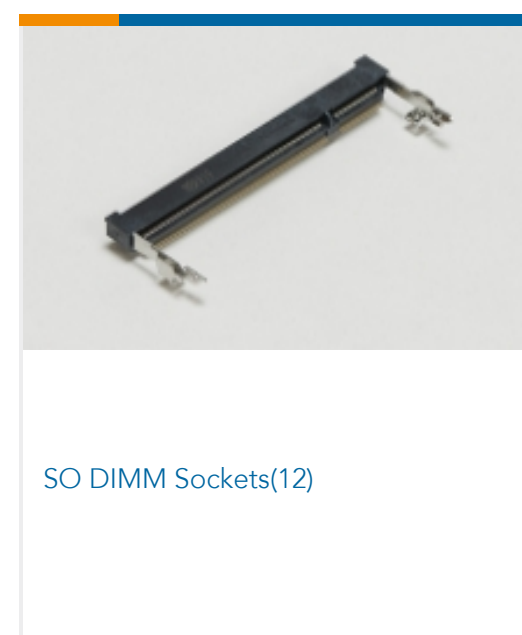
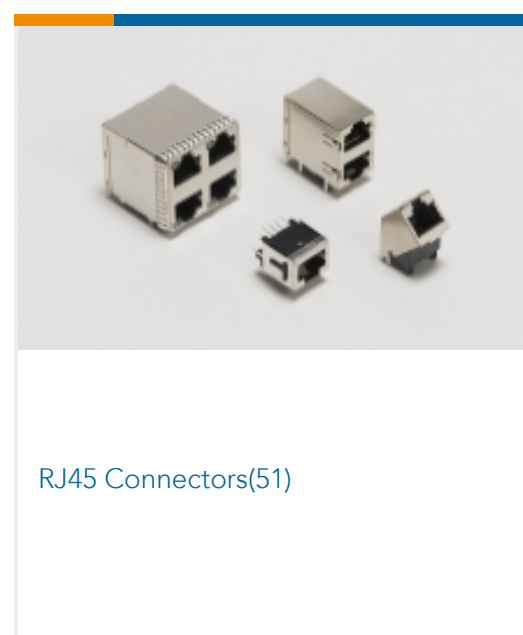
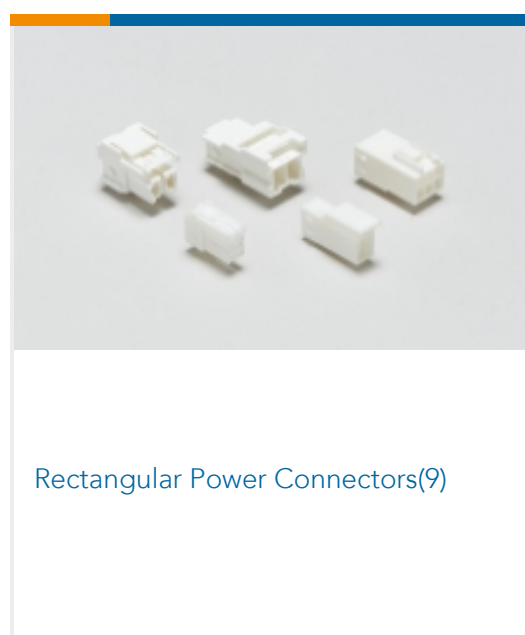
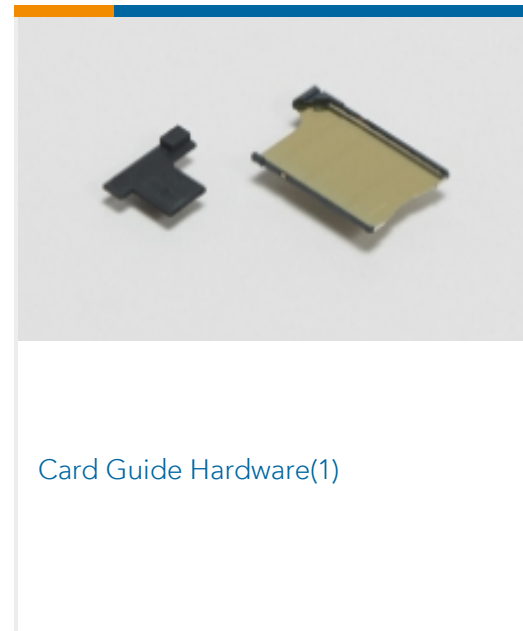
Product Compliance Disclaimer

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>

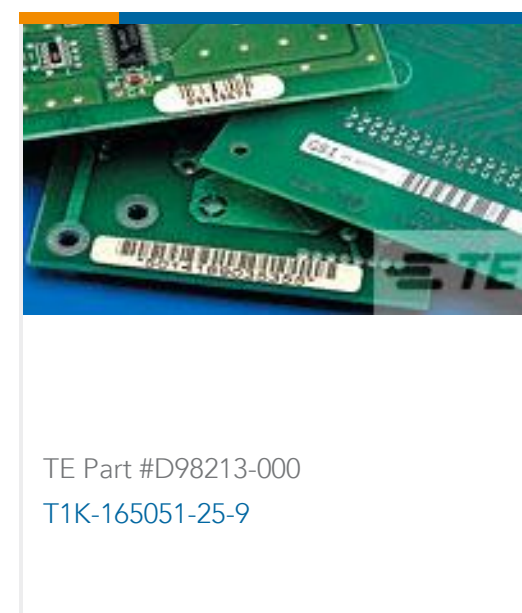
Compatible Parts

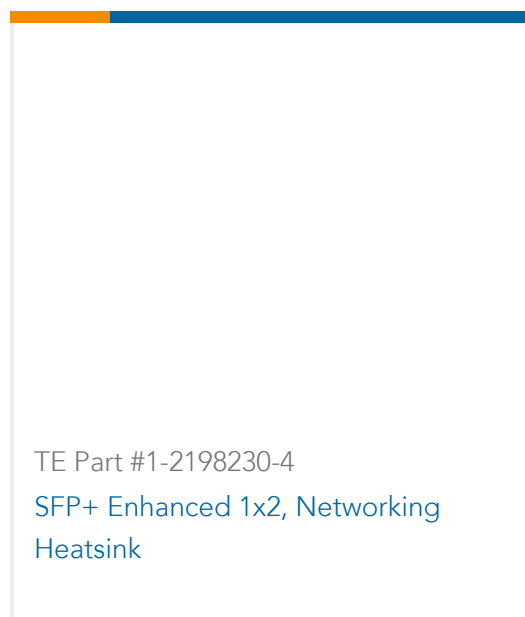


Also in the Series | AMP-METRIMATE



Customers Also Bought





Documents

Product Drawings

[SKT,SODIMM,144P,SDRAM3.3V,STD,TY-S](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_390113-1_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_390113-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_390113-1_H.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English