



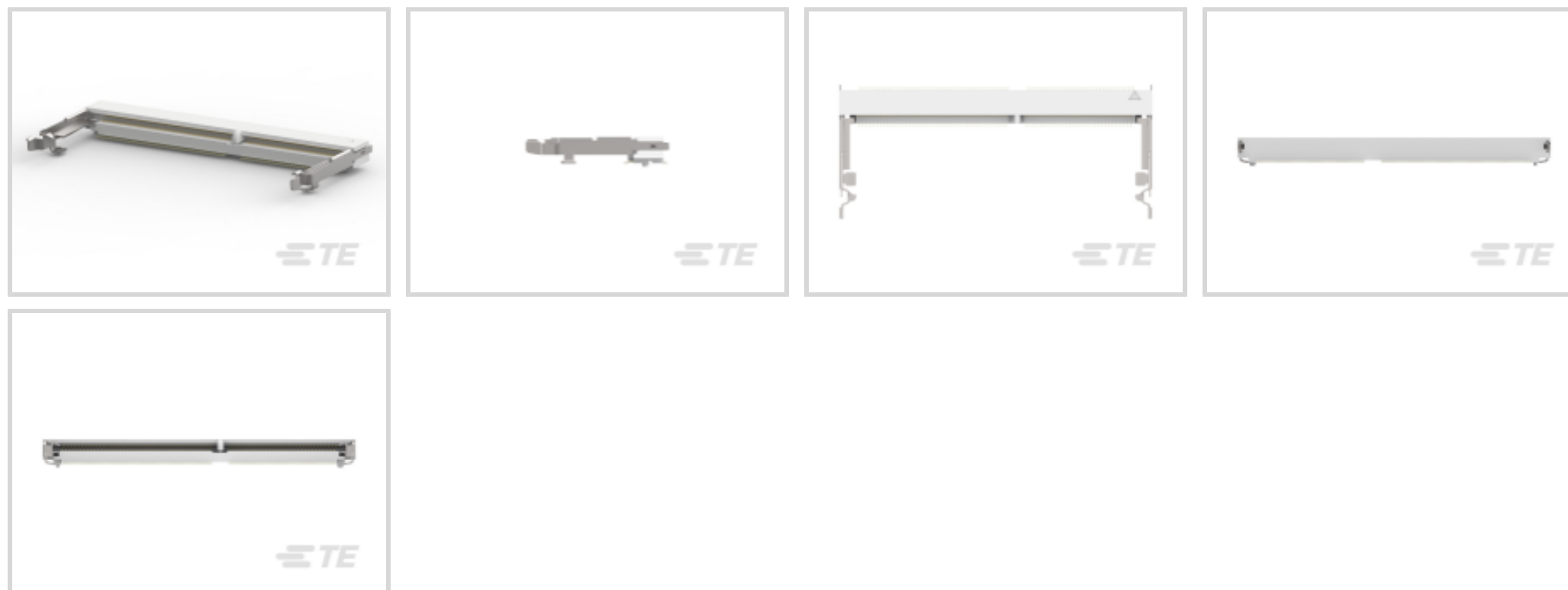
AMP-METRIMATE

TE Internal #: 390112-1

AMP-METRIMATE, SO DIMM Sockets, Small Outline (SO), Stack Height .22 in [5.6 mm], Right Angle Module Orientation, Surface Mount, Cable-to-Board

[View on TE.com >](#)

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



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

Stack Height: **5.6 mm [.22 in]**

Module Orientation: **Right Angle**

PCB Mounting Style: **Surface Mount**

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

[All DDR3 SO DIMM Sockets \(14\)](#)

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	High

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	5.6 mm[.22 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
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Soft Tray
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Packaging Quantity	20
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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	Reflow solder capable to 260°C
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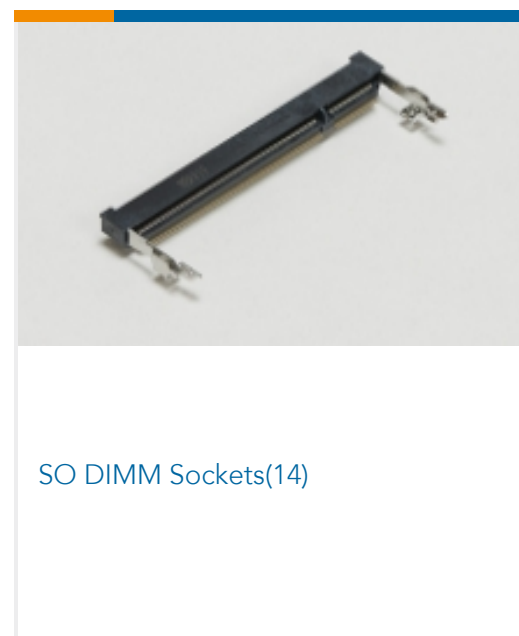
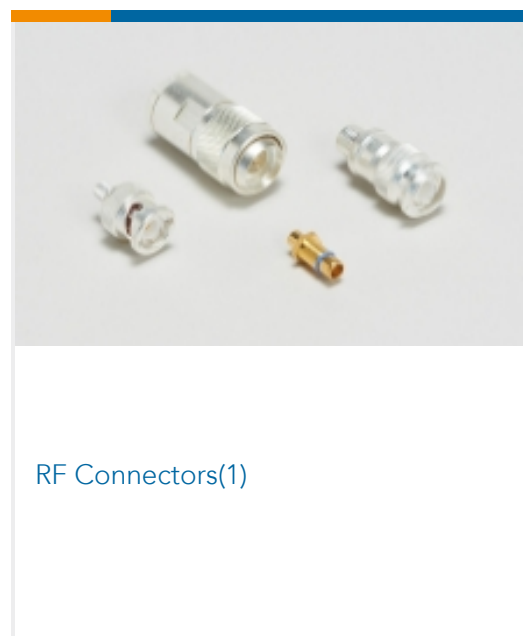
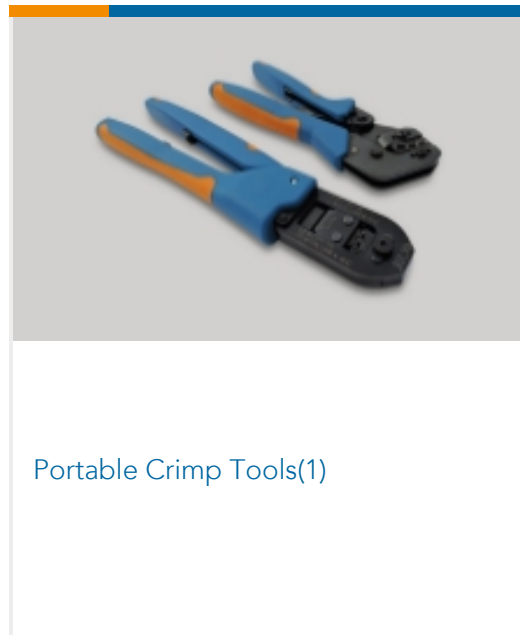
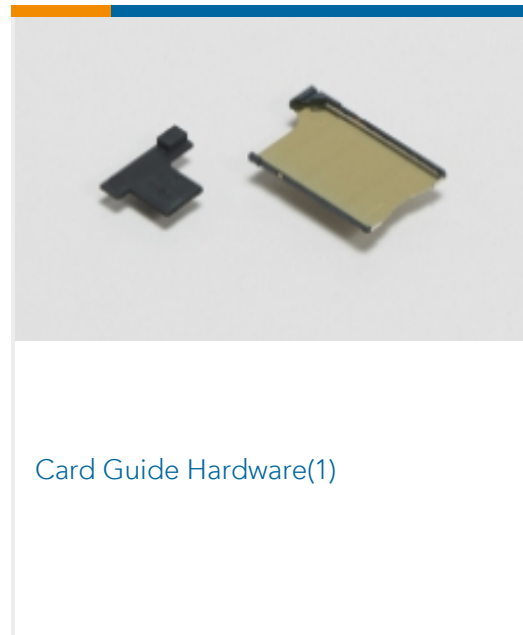
Product Compliance Disclaimer

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



Also in the Series | AMP-METRIMATE



Customers Also Bought





TE Part #104549-8
60 SYS50 SURFMNT HDR DRST SHRD



TE Part #146871-1
B/A REELED DRST HDR ASSY 30 AU



TE Part #1879026-1
YR1 0.1% 10R2



TE Part #2-1879027-6
YR1 0.1% 84R5



TE Part #G-NIMO-003
0.2 DEG C ACCURACY I2C TEMP
SENSOR



TE Part #104655-4
30 50/50 HDR DRST SFMNT .250

Documents

Product Drawings

[SKT,SODIMM,144P,SDRAM3.3V,HIGH](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_390112-1_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_390112-1_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_390112-1_AB.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_390112-1_061220181235_dmtec](#)

English

[MD_390112-1_061220181235_dmtec](#)

English



[Agency Approvals](#)

[Agency Approval Document](#)

English