



RAYCHEM RVS

TE Internal #: 2013311-3

Double Data Rate (DDR) 3, Stack Height 9.2 mm [.362 in], Right Angle Module Orientation, 204 Position, RAYCHEM RVS, SO DIMM Sockets

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Connectors > Socket Connectors > Memory Sockets > SO DIMM Sockets



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

Stack Height: **9.2 mm [.362 in]**

Module Orientation: **Right Angle**

Number of Positions: **204**

Centerline (Pitch): **.6 mm [.024 in]**

Features

Product Type Features

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

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Module Orientation	Right Angle
Number of Positions	204

Electrical Characteristics

DRAM Voltage	1.5 V
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Signal Characteristics

SGRAM Voltage	1.5 V
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Body Features

Ejector Location	Both Ends
Latch Material	Stainless Steel
Latch Plating Material	Tin
Module Key Type	SGRAM



Ejector Type	Locking
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Connector Profile	Reverse
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Contact Features

Memory Socket Type	Memory Card
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PCB Contact Termination Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	.5 A
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
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Termination Features

Insertion Style	Cam-In
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Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Reverse Keying
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PCB Mount Retention	With
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PCB Mount Retention Type	Solder Peg
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	High Temperature Thermoplastic
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Housing Color	Black
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Centerline (Pitch)	.6 mm[.024 in]
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Dimensions

Stack Height	9.2 mm[.362 in]
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Row-to-Row Spacing	8.2 mm[.322 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	20
Packaging Method	Semi-Hard Tray Assembly

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



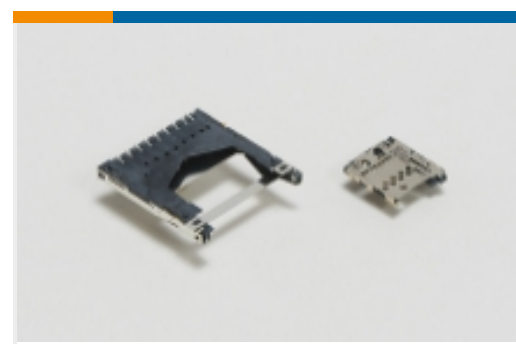
Also in the Series | **RAYCHEM RVS**



Joints & Splices(4)



RJ45 Connectors(1)

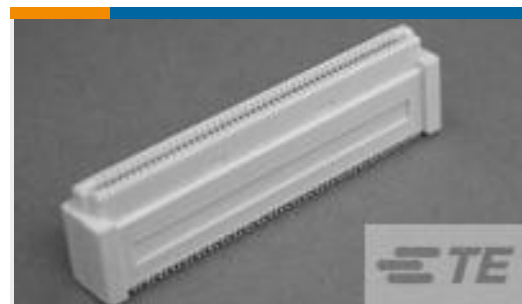
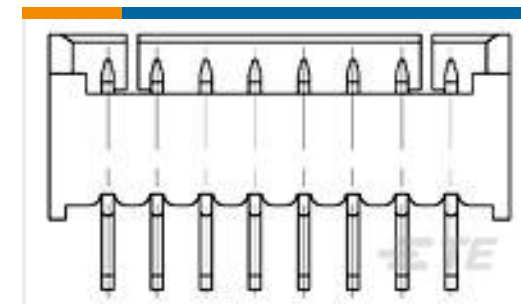


SD Card Connectors(2)



SO DIMM Sockets(13)

Customers Also Bought

TE Part #6-6123212-0
0.8FH,R13H.5,200,30/Sn,TUTE Part #7-6450550-1
MBXL VERT RCPT 2P+24S+2PTE Part #6888135-1
100 50SR R/A,REDESIGNTE Part #4-1734598-2
1.25 WTB HDR DIP L3.7 2 POSTE Part #1-2170704-3
CAGE ASSY, QSFP28 1X1, SPRING, CZ_HSTE Part #2007855-3
IMP100S,H,V5P10C,UG,REW39,5.5TE Part #2007857-2
IMP100S,H,V5P16C,LG,OEWS39,4.9TE Part #2013310-3
SEMI-HARD TRAY DDR3 204P 9.2H STD Au0.76TE Part #5-1571363-1
8 POS 2MM HDR ASSY, DR, VERT, SMT, LF

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2013311-3_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2013311-3_C.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2013311-3_C.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English