1981287-4 × OBSOLETE

DDR2 SO DIMM, RAYCHEM RVS

TE Internal #: 1981287-4

TE Internal Description: SEMI-HARD TRAY DDR2 SODIMM 9.2H RVS AMC

DDR2 SO DIMM Sockets

View on TE.com >

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



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

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

Module Orientation: **Right Angle**

Number of Positions: **200**

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

All DDR2 SO DIMM Sockets (27)

Features

Product Type Features

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

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Module Orientation	Right Angle
Number of Positions	200

Electrical Characteristics

DRAM Voltage	1.8 V

Signal Characteristics

SGRAM Voltage	1.8 V

Body Features

Latch Plating Material	Tin
Latch Material	Stainless Steel

Module Key Type	SGRAM
Ejector Type	Locking
Ejector Location	Both Ends
Connector Profile	Reverse

Contact Features

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

Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Solder Tail
Mating Alignment Type	Reverse Keying
PCB Mount Retention	With

Housing Features

Housing Material	High Temperature Thermoplastic
Housing Color	Black

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

Dimensions

Stack Height	9.2 mm[.362 in]
Row-to-Row Spacing	6.2 mm[.244 in]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	20
Packaging Method	Box, Tray

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 2025 (250) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

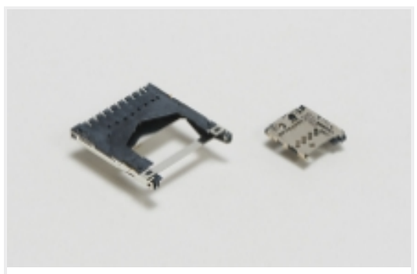
Also in the Series | RAYCHEM RVS



Joints & Splices(4)



RJ45 Connectors(1)



SD Card Connectors(2)



SO DIMM Sockets(23)

Also in the Series | DDR2 SO DIMM



SO DIMM Sockets(23)

Customers Also Bought



TE Part #1-1744524-0
EP 10P HEADER ASY NO 8 PIN



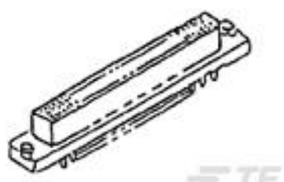
TE Part #1963856-2
CFP HS Kit StS Airflow, 22 fin, 10.3mm



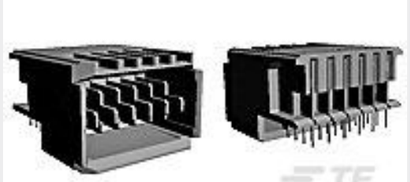
TE Part #2143329-1
1x6 QSFP Cage Assy Behind Bzl



TE Part #1-2170704-0
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part #5174215-2
AMPLIMITE.050 PLUG ASS'Y (V) 4



TE Part #5223964-6
UNV,PWR,MDL,HDR,SEQ



TE Part #2-1542006-3
HTS186-U=HS 21MM ASSY ULTEM CL



TE Part #1-1542006-0
HTS210-U=HS 25MM ASSY ULTEM CL



TE Part #2-1542006-1
HTS512-U=HS 32.5 ASSY ULTEM CL



TE Part #1445297-4
REC.R/A SMT,12 POS

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1981287-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1981287-4_B.3d_stp.zip

English

Customer View Model

ENG_CVM_1981287-4_B.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

Product Specifications

Product Specification

English