6-390113-1 ✔ ACTIVE

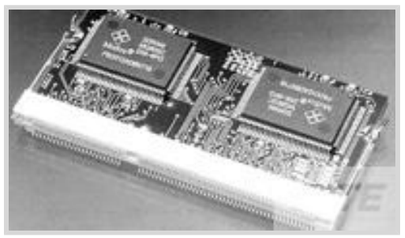
AMP-METRIMATE

TE Internal #: 6-390113-1

Small Outline (SO), Stack Height 5.2 mm [.205 in], Right Angle Module Orientation, 144 Position, AMP-METRIMATE, SO DIMM Sockets

View on TE.com >

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**

Number of Positions: **144**

Centerline (Pitch): **.8 mm [.031 in]**

All DDR3 SO DIMM Sockets (12)

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DRAM Type	Small Outline (SO)

Configuration Features

Number of Bays	2
Number of Keys	1
Number of Rows	2
Module Orientation	Right Angle
Number of Positions	144

Electrical Characteristics

DRAM Voltage	3.3 V

Body Features

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

Contact Features

Memory Socket Type	Memory Card
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]

Termination Features

Insertion Style	Cam-In
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Offset Left
PCB Mount Retention	With
PCB Mount Retention Type	Hold-Down Post
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
Packaging Method	Tape & Reel

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

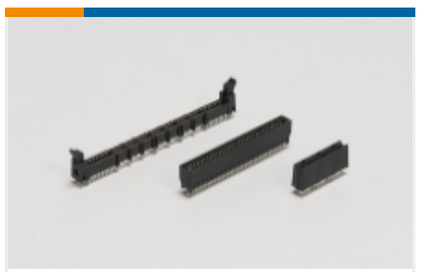
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 2309407-1
DDR4 SODIMM 260P 4.0H STD

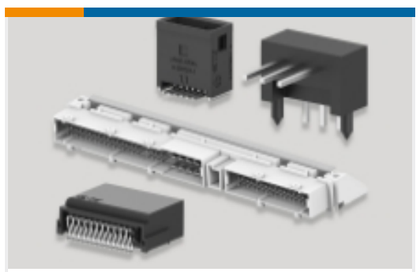
Also in the Series | AMP-METRIMATE



Card Edge Power Connectors(1)



Connector Hardware(1)



PCB Headers & Receptacles(3)



Rack & Panel Connectors(1)



Rectangular Power Connectors(9)



RJ45 Connectors(45)



SO DIMM Sockets(12)

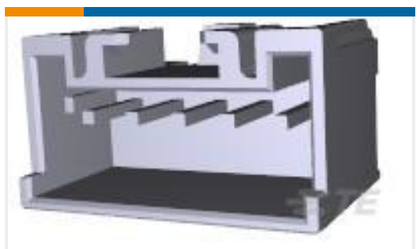
Customers Also Bought



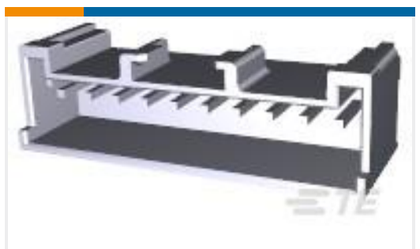
TE Part #553443-4
ASSY RCPT,ACTION PIN,CHAMP-LOK



TE Part #917780-1
2.5 S.D.L POST HDR ASY 2P STD



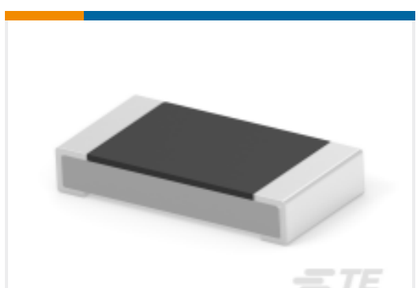
TE Part #917783-1
2.5 S.D.L POST HDR ASY 5P STD



TE Part #917788-1
2.5 S.D.L POST HDR ASY 10P STD



TE Part #2-2013310-1
EMBOSS TAPE DDR3 204P 9.2H STD



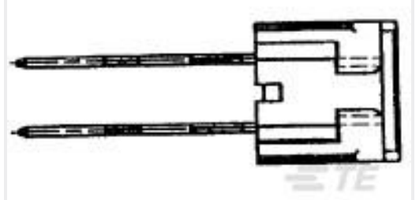
TE Part #3-2176392-6
RQ 1206 309K 0.1% 10PPM 5K RL



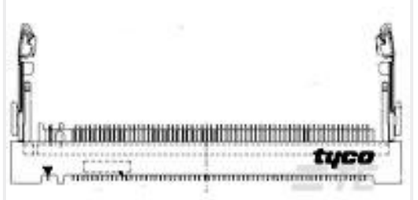
TE Part #1-338084-3
4P.INV.MOD.JACK,PCB



TE Part #1-338086-3
6/6 INV.MOD JACK



TE Part #917894-1
2.5 S.D.L STD V 2P HDR ON/TAPE



TE Part #1717831-2
MINI PCI EXPRESS EMBOSS TAPE CONN

Documents

Product Drawings

SKT,SODIMM,144P,SDRAM3.3V,STD,T&R

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_6-390113-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_6-390113-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_6-390113-1_H.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Socket, 144 Position Surface Mount 8 Byte SO DIMM

English