6376118-2 × OBSOLETE

TE Internal #: 6376118-2

TE Internal Description: MIII (V) BLACK

View on TE.com >

Connectors > Socket Connectors > Memory Sockets > DIMM Sockets

DRAM Type: **Single Data Rate (M3)**

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

Number of Positions: **90**

Termination Method to PCB: **Surface Mount**

Module Orientation: **Vertical**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
DRAM Type	Single Data Rate (M3)
Connector System	Board-to-Board

Configuration Features

Number of Keys	1
Number of Bays	2
Number of Rows	2
Number of Positions	90
Module Orientation	Vertical

Body Features

Retention Post Location	None
PCB Retention Feature Material	Stainless Steel
Connector Profile	Standard
Ejector Material Color	Silver
Module Key Type	Offset Right
Ejector Location	Left End Only
Ejector Material	High Temperature Thermoplastic
Ejector Type	Locking

Contact Features

Contact Underplating Material	Nickel

Socket Style	DIMM
PCB Contact Termination Area Plating Material Thickness	3 µm[118.1 µin]
Contact Mating Area Plating Material	Gold (Au)
Memory Socket Type	Memory Card
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.5 A

Termination Features

Insertion Style	Cam-In
Termination Post & Tail Length	2.6 mm[.083 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mount Angle	Vertical
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Offset Left

Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Profile Height from PCB	30.4 mm[1.19 in]
Row-to-Row Spacing	1.6 mm[.06 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	80
Packaging Method	Box & Tray, Tray

Product Compliance

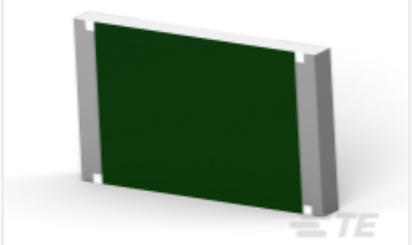
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

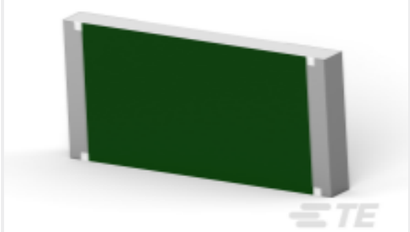


TE Part #2176406-9
3560 2R2 1%

TE Part #1-1879128-4
RN 0402 604R 0.1% 10PPM 1K RL

TE Part #1-5353727-0
.6FHP08H,280,B,GIG,08/Sn,ST,NSYes

TE Part #2118721-4
STD SHIELD COVER, AL-38.60X25.90X2.00MM



TE Part #2176403-2

3550 1R1 1%

TE Part #NB18922001

RNF-100-1/16-YO-STK

TE Part #1-5353729-0

.6FHR04H,280,B,GIG,08/Sn,ST,NSYes

TE Part #2085958-1

ICCON,SIZE 4,LOCKING PIN ASSEMBLY

TE Part #5-535512-2

112 MODII HORZ DR CE EESS .100

Documents

Product Drawings

MIII (V) BLACK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_6376118-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_6376118-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_6376118-2_O.3d_stp.zip

English