2-531020-9 × OBSOLETE

TE Internal #: 2-531020-9

TE Internal Description: CONN ZIF II 100 C/L 50 POS

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



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

Number of Positions: **50**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Dual Positions: **50**

Number of Rows: **1**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Dual Positions	50
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black

Contact Features

	50 µin
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.06 mm[.16 in]

Mechanical Attachment

PCB Mount Retention Type	Mounting Hole
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester GF

Dimensions

Accepts Card Thickness	1.37 – 1.78 mm[.054 – .07 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 240°C

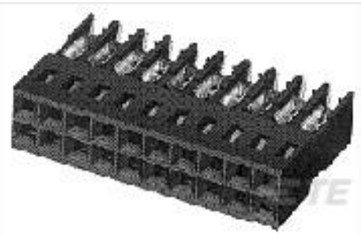
Product Compliance Disclaimer

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.

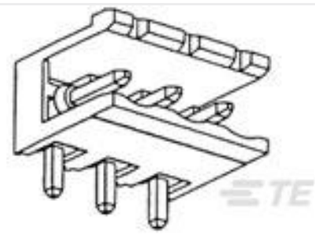
Customers Also Bought

TE Part #1SNA230003R0100
RC55 11->20 (X10) HORIZONTAL

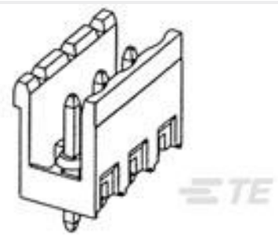
TE Part #1SNA230002R0000
RC55 1->10 (X10) HORIZONTAL



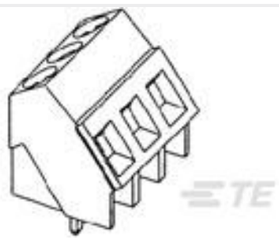
TE Part #102394-7
18 AMP MODU MT HSG DR .100CL



TE Part #282815-5
TERMI-BLOK HEADER,ASSY90 5P.5



TE Part #282824-4
TERMI-BLOK HEADER,ASSY90 4P.5



TE Part #796689-5
TERMI-BLOK PCB MOUNT 5P.



TE Part #7-2176414-4
7W STD M/OX 5% 22K



TE Part #1-1355181-6
DUOPLUG2,5GEH 6P 8X



TE Part #3-284932-6
DUOPLUG MKI STD,6 POS, KEYED 4



TE Part #4-1534796-6
AMP DUOPLUG MARK II CONNECTOR 3-20POS

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-531020-9_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-531020-9_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-531020-9_AG.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

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

AMP RATARY CAM, ZERO INSERTION FORCE (ZIF) CONNECTORS WITHOUT WIPING

English

Agency Approvals

Agency Approval Document

English