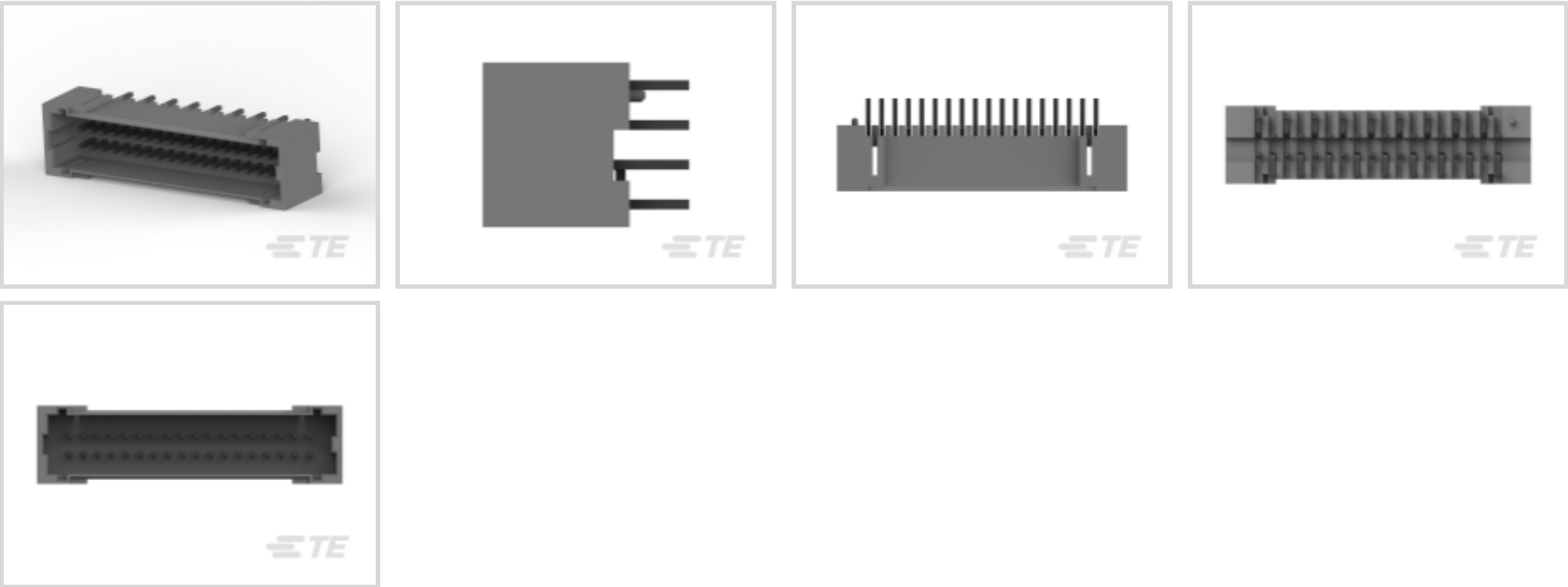




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **36**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	36
Number of Rows	2

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Primary Product Color	Gray
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Contact Features

Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	1 μm[39.37 μin]
Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon (G.F)
Centerline (Pitch)	1.5 mm[.059 in]

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
Connector Width	8.3 mm[.326 in]



PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	7.4 mm[.291 in]
Connector Length	32.5 mm[1.279 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	850
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 # 1-353908-8
CT REC HSG 18P CRIMP TYPE WHIT

TE Part # 1-353293-8
MINI CT MT REC ASSY 18P GRAY

TE Part # 3-353294-6
AMP MINI D/R HDR HSG 36P NATU

Also in the Series | AMP Mini CT

Connector Contacts(4)

Connector Hardware(10)

PCB Headers & Receptacles(332)

Wire-to-Board Connector Assemblies & Housings(172)

Wire-to-Board Headers & Receptacles (332)

Customers Also Bought

TE Part #1-292207-6
MINI CT SGL DIP V 16P NAT

TE Part #1-1617122-2
JMACD-26XM = M39016/15-081M

TE Part #1617031-1
HFW1201K00 = HFW 1/2 SIZE RELA

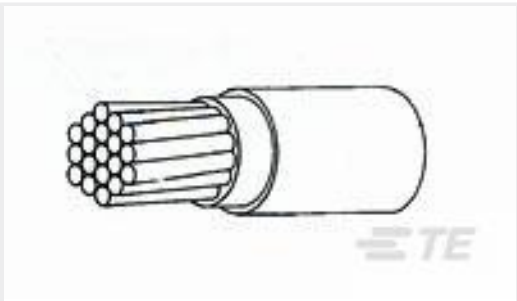
TE Part #316215-003
55A1121-22-0/9-9



TE Part #2-292207-0
MINI CT SGL DIP V 20P NAT



TE Part #1-292207-0
MINI CT SGL DIP V 10P NAT



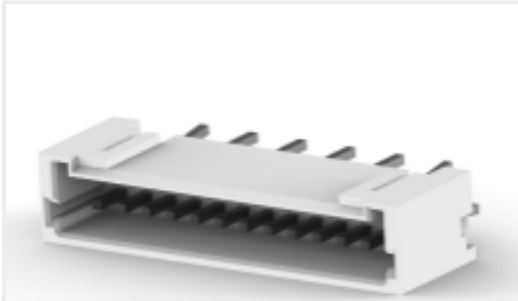
TE Part #282030-013
44A0111-22-0



TE Part #2-292208-4
MINI CT D/R DIP 24P V NAT



TE Part #3-292207-8
MINI CT SGL DIP V 18P BLACK



TE Part #3-292207-3
MINI CT SGL DIP V 13P BLACK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-292208-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-292208-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-292208-6_E.3d_stp.zip

English

Customer View Model

ENG_CVM_3-292208-6_O.3d_igs.zip

English

3D PDF

English

Customer View Model

ENG_CVM_3-292208-6_O.3d_stp.zip

English

Customer View Model

ENG_CVM_3-292208-6_O.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification



English

Agency Approvals

UL

English