3-292207-6 ✔ ACTIVE

TE Internal #: 3-292207-6

PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Centerline (Pitch): **1.5 mm [.059 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	16
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
	39.37 µin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

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

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Connector Width	4.7 mm[.185 in]
Connector Height	8.4 mm[.33 in]
Connector Length	26.5 mm[1.043 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

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: JUNE 2025 (250) 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 # 1-353908-6
CT REC HSG 16P CRIMP TYPE WHIT



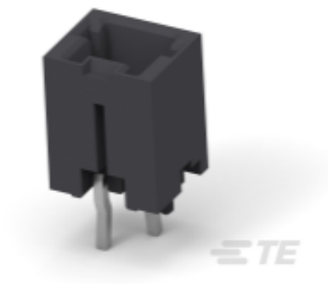
TE Part # CAT-AM7053-C7671
Mini Common Termination Contacts



TE Part # 3-353293-6
1.5MM CT MT REC ASSY 16P BLACK

Customers Also Bought

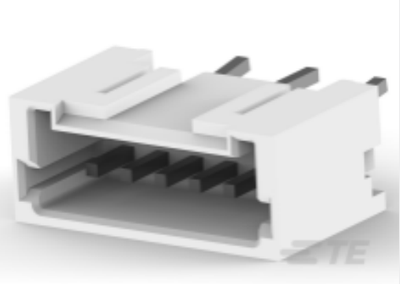
PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, Signal, Black



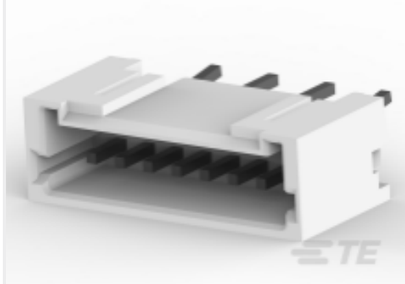
TE Part #2-292207-2
MINI CT SGL DIP V 2P BLACK



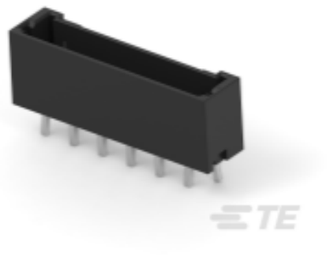
TE Part #2-292207-3
MINI CT SGL DIP V 3P BLACK



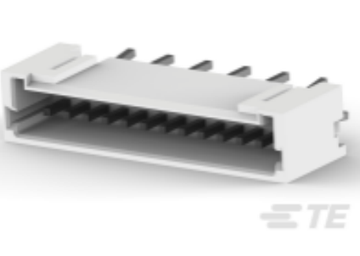
TE Part #2-292207-6
MINI CT SGL DIP V 6P BLACK



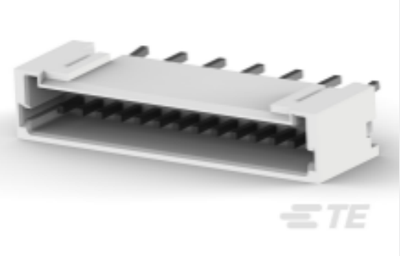
TE Part #2-292207-8
MINI CT SGL DIP V 8P BLACK



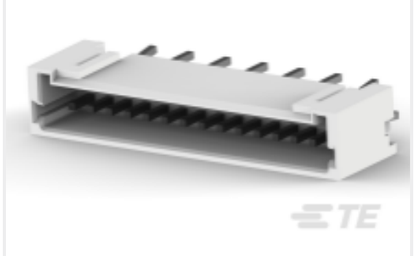
TE Part #3-292207-2
MINI CT SGL DIP V 12P BLACK



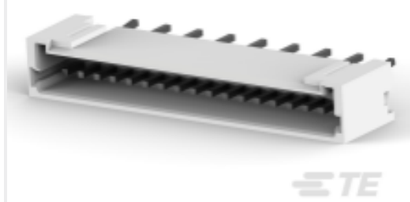
TE Part #3-292207-3
MINI CT SGL DIP V 13P BLACK



TE Part #3-292207-4
MINI CT SGL DIP V 14P BLACK



TE Part #3-292207-5
MINI CT SGL DIP V 15P BLACK



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



TE Part #3-292207-9
MINI CT SGL DIP V 19P BLACK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-292207-6_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-292207-6_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-292207-6_G.3d_stp.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