2-2834465-0 ✔ ACTIVE

Dynamic Series | Mini Dynamic Series

TE Internal #: 2-2834465-0

PCB Mount Header, Horizontal, Wire-to-Board, 20 Position, 1.8 mm [.071 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount, Mini Dynamic Series

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Mount Header: Wire-to-Board



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **20**

Centerline (Pitch): **1.8 mm [.071 in]**

All PCB Mount Header: Wire-to-Board (16)

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	Horizontal
Number of Positions	20
Number of Rows	2

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 – 2.5 µm[40 – 100 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Retention Leg
Mating Alignment Type	Keyed
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]
Housing Material	PA 6T GF30

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box, Tape

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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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

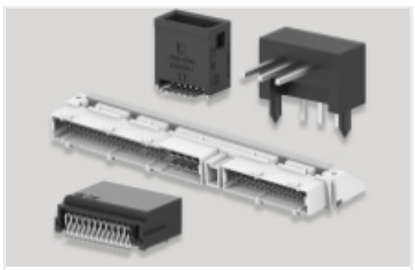


TE Part # CAT-D9932-M6641
Receptacle Housing Assembly

Also in the Series | Mini Dynamic Series



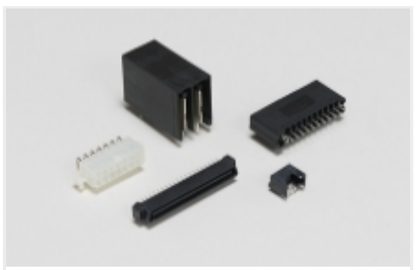
Connector Contacts(2)



PCB Headers & Receptacles(16)



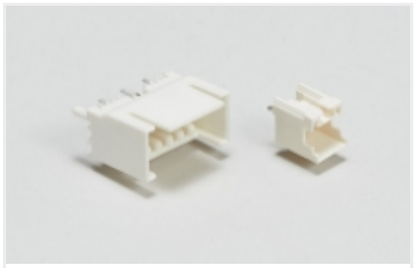
Rectangular Power Connectors(1)



Standard Rectangular Connectors(15)



Wire-to-Board Connector Assemblies & Housings(15)

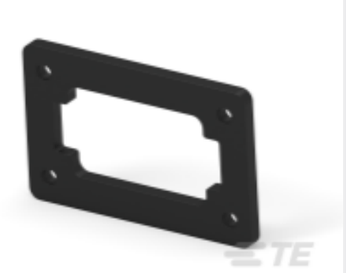


Wire-to-Board Headers & Receptacles (16)

Customers Also Bought



TE Part #DTM04-12PA-L012
REC, 12P, GRY, N, FLANGE, A



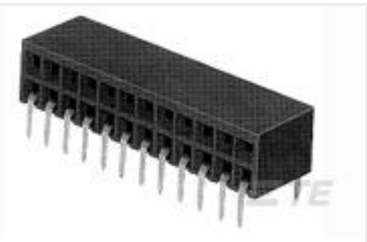
TE Part #DT12-L012-GKT
GASKET DT 12 WY FLD RC



TE Part #CAT-HST-CGPT1
CGPT 2:1 Heat Shrink Tubing



TE Part #DTM12P-DC
PROTECT CVR, 12P, REC, GRY, DTM



TE Part #216604-7
2X 7P HV190FEDERLEI



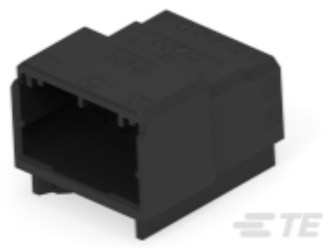
TE Part #936119-1
4POS MQS REC



TE Part #1-1871315-3
D1100D HDR ASSY V 26P XBLACK Pre-Tin



TE Part #2-2834497-4
MINI DYNAMIC REC HSG ASSY 24P Y-KEY BLK



TE Part #7-2468187-6
D1200D TAB HSG 12P X BLACK GF33 CLIP

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2-2834465-0_A1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-2834465-0_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2834465-0_A1.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English