

6643735-1**✗ OBSOLETE****ELCON**

TE Internal #: 6643735-1

TE Internal Description: CONN,PIN,CUSTOM CONN

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

Connector System: **Wire-to-Board**Number of Positions: **12**Number of Rows: **2**Centerline (Pitch): **7.62 mm [.3 in]**PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	12
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features

Mating Pin Diameter	2.39 mm[.094 in]
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
Contact Mating Area Plating Material	Gold
Contact Type	Pin, Socket
Contact Current Rating (Max)	35 A

Termination Features

Round Termination Post & Tail Diameter	1.01 mm, 2.39 mm[.04 in][.094 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic Glass Reinforced
Centerline (Pitch)	7.62 mm[.3 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.5% in Component part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

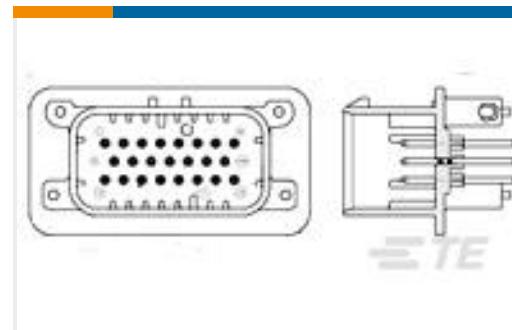
Product Compliance Disclaimer

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>

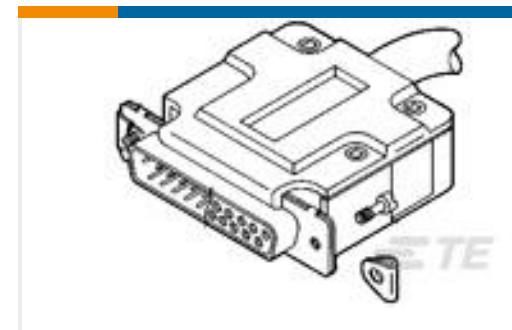
Customers Also Bought



TE Part #1473005-4
SEMI-HARD TRAY DDR2 SODIMM
SOCKET 200P 5



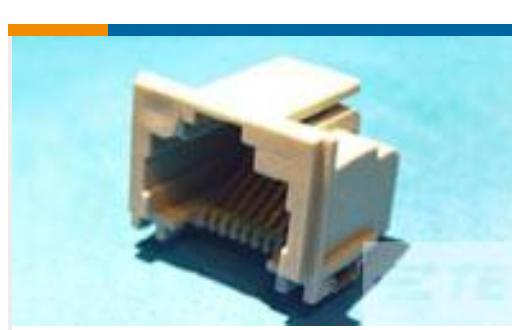
TE Part #776231-1
35POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 1



TE Part #5207908-4
STRAIN REL W/SCREW RET KIT



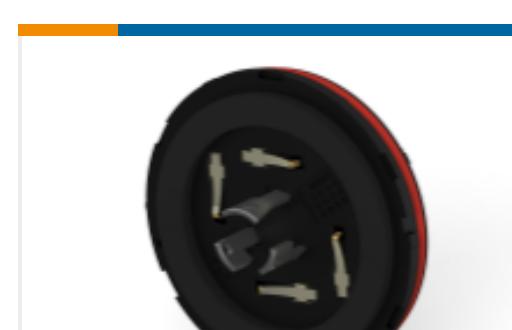
TE Part #1393219-3
PE014005



TE Part #5406721-1
MJ,RJ45,SMT,GRAY,22"REEL



TE Part #1-1419130-2
TSC-105L3H,000



TE Part #2336396-2
ASSEMBLY, LIGHT CONTROLLER
BASE, W/VENT

Documents

Product Drawings

CONN,PIN,CUSTOM CONN

English

CAD Files

Customer View Model

[ENG_CVM_CVM_6643735-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_6643735-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6643735-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English