2212082-1 ✔ ACTIVE

ELCON

TE Internal #: 2212082-1

PCB Mount Receptacle, Vertical, Board-to-Board, 40 Position, 13.21 mm / 3.3 mm [.13 in / .52 in] Centerline, Gold (Au) / Silver (Ag)

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Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **40**

Number of Rows: **6**

Centerline (Pitch): **3.3 mm, 13.21 mm [.13 in, .52 in]**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	40
Number of Rows	6
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Signal Positions	36

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Layout	Matrix
Contact Base Material	Brass Alloy
Contact Mating Area Plating Material	Gold (Au), Silver (Ag)
Contact Type	Socket
Contact Current Rating (Max)	25 A
Contact Mating Area Plating Material Thickness	.254 µm, 5.08 µm[10 µin][200 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.3 mm, 13.21 mm[.13 in][.52 in]
Housing Material	Thermoplastic Glass Reinforced

Dimensions

Connector Width	29.98 mm[1.18 in]
Connector Height	69.98 mm[2.755 in]
Row-to-Row Spacing	3.81 mm[.15 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	45
Packaging Method	Box

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.7% in 74019106) **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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2212081-1
CONNECTOR,PIN,SQUARE DRAWER

Customers Also Bought



TE Part #1SNL312510R0000
DBL125



TE Part #1-66103-8
III+ PIN,24-20,TIN,LP



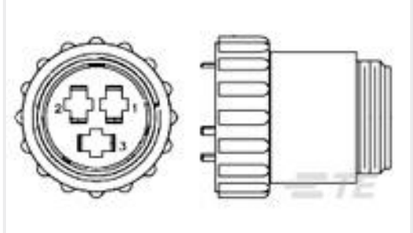
TE Part #66262-2
MALE CONTACT ASSY. (L.P.)



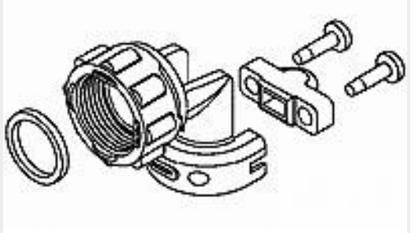
TE Part #66740-6
TYPE XII FEMALE CONT (L.P.)



TE Part #206036-2
CPC RECEPTACLE SIZE 17-3



TE Part #206037-2
CPC PLUG ASSEMBLY SIZE 17-3



TE Part #796381-2
R/A STRN RELIEF KIT,SZ 17,CPC



TE Part #1648325-1
702-92-01109=CONTACT,SKT,#20



TE Part #1650155-1
701-14-02109=CONTACT,PIN,#20



TE Part #5747846-4
25 MSFL RCPT RA 318 (IN,FM,BL)

Documents

Product Drawings

CONNECTOR,SOCKET,SQUARE DRAWER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2212082-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2212082-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2212082-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English