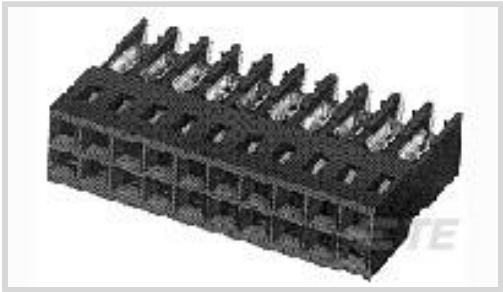




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **40**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Electrical Characteristics

Termination Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	750 V
Insulation Resistance	5000 MΩ

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Tray
Packaging Quantity	60

Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Socket
Contact Current Rating (Max)	3 A

Dimensions

Compatible Insulation Diameter Range	1.27 mm[.05 in]
Connector Height	6.1 mm[.24 in]



Wire Size	26 – 22 AWG
Connector Length	50.8 mm[2 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

Housing Material	Thermoplastic
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]

Product Type Features

Applied Pressure	Standard
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	40
Number of Rows	2

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions



Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

Compatible Parts



Customers Also Bought



TE Part #90546-1
ASSY PRO-CRIMPER UNIV M-N-L

TE Part #87224-1
01 MODII HDR SRST UNSHRD .100

TE Part #1971239-1
D5200 REC CABLE CLAMP 4P(2ROW)
KIT X-X

TE Part #CONBNC001
BNC Jack 50 Ohm PCB Through Hole
KIT X-X

TE Part #6-2176339-1
CRGCQ 0603 1M0 1%

TE Part #2-2176342-3
CRGCQ 0805 4K7 5%

TE Part #1-2176371-6
RQ 0603 6K65 0.1% 10PPM 5K RL

TE Part #5069842046
CGPT-6.4/3.2-0-STK

TE Part #2-1625868-7
RP 2A 0.25W 10R 0.1% 25PPM 1K RL

TE Part #5-458141-7
CRIMPER, WIRE

Documents

Product Drawings
40 AMPMODU MT ASSY DR .100CL

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-102398-8_U.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-102398-8_U.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-102398-8_U.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Pneumatic Pistol Grip Tool

English