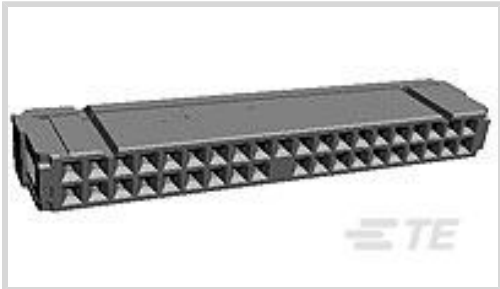




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **40**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Pin Header
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	40
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Operating Voltage	125 VAC
Insulation Resistance	5000 MΩ

Body Features

Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Low

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]



Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Compatible Insulation Diameter Range	.64 – .74 mm[.025 – .029 in]
Connector Width	6.1 mm[.24 in]
Wire Size	30 AWG
Connector Height	12.5 mm[.492 in]
Connector Length	55.52 mm[2.186 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Recognized
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	CSA LR7189, UL E28476



Packaging Features

Packaging Quantity	50
Packaging Method	Box & Carton

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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>

Also in the Series | AMP-LATCH - NOVO



Ribbon Cable Connectors(46)

Customers Also Bought



TE Part #1-964575-5  
PCB RAHMEN 5P



TE Part #3-2176416-6  
9W STD M/OX 5% 1K5



TE Part #8-338728-4  
MICROM. MOB SMD CON



TE Part #205714-7  
37 PLUG SP/MS STD



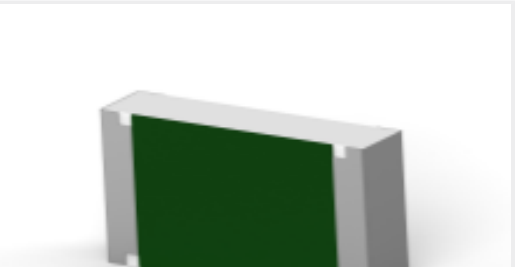
TE Part #3-647166-7  
7P MTA100 HDR ASSY,SM,FL,LF



TE Part #3-1879134-1  
RN 0603 20K5 0.1% 10PPM 1K RL



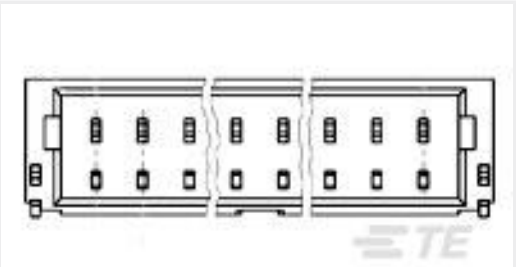
TE Part #7-6609928-3  
PE0SSDSXA=C2187



TE Part #7-2176398-1  
3502 1R0 5%



TE Part #109452-4  
RING TONGUE 170 18-14 AWG PTPBR



TE Part #1-1734709-5  
1.0 WTB HDR SR RA 15 POS

Documents

Product Drawings  
ULTRA NOVO RCPT, BLU,LEAD FREE  
English

CAD Files  
3D PDF  
English  
Customer View Model  
ENG\_CVM\_1658618-2\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_1658618-2\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_1658618-2\_A.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



Ribbon Cable Interconnect Solutions

English

Product Specifications

Application Specification

English

Instruction Sheets

Connector-Specific Kit 904379-1 For Ultra Novo 40-Position Receptacle Connectors

English

Instruction Sheet (U.S.)

English