

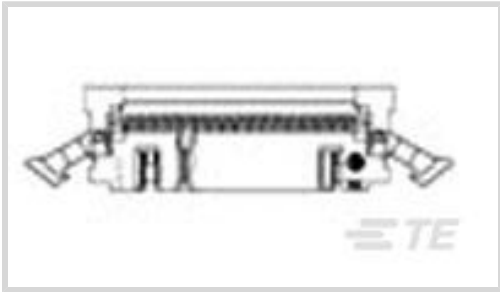
AMP-LATCH

TE Internal #: 2-111494-3
Wire-to-Wire, 44 Position, 2.54 mm [.1 in] Centerline, 2 Row, Plug,
Low Profile, Wire & Cable, Signal, Panel Mount, Ribbon Cable
Connectors

[View on TE.com >](#)



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



Connector System: **Wire-to-Wire**
Number of Positions: **44**
Centerline (Pitch): **2.54 mm [.1 in]**
PCB Mount Retention: **Without**
Row-to-Row Spacing: **2 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Shrouded
Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	44
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

Body Features

Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Low

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin][30 μin]



Wire Contact Termination Area Plating Material	Tin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Dual Beam
Contact Mating Area Length	6.1 mm[.24 in]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Post & Tail Length	3.3 mm[.13 in]

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Mating Alignment	With
PCB Mount Retention	Without
Mating Alignment Type	Keyed
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Compatible Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Shrouded End Dimension	3.81 mm[.15 in]
Connector Width	8.38 mm[.33 in]
Wire Size	28 – 26 AWG
Connector Height	23.75 mm[.935 in]
Connector Length	80.67 mm[3.176 in]
Row-to-Row Spacing	2 mm[.1 in]



Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

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	30
Packaging Method	Box & Tray, Tray

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) Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Compatible Parts



TE Part # 1658621-9
40 NOVO MIL/CTR 15DP, LEAD FREE



TE Part # 1-1658621-3
044 NOVO CTR&MIL 15DP FT



TE Part # 1-1658622-3
44 NOVO MIL/CTR 30DP, LEAD FREE

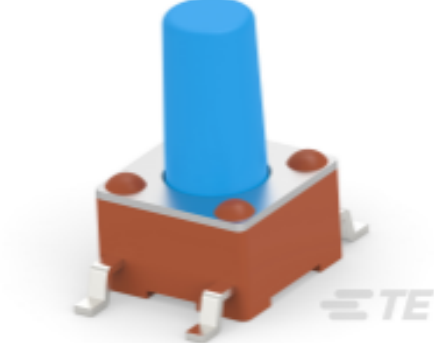


TE Part # 1658620-9
40 NOVO MIL 15DP, LEAD FREE

Customers Also Bought



TE Part #6-1462037-8
IM46JR=IM RELAY 100mW 12V BIS



TE Part #2-1977223-2
FSM8JSMLSTR=6MM TACT SWITCH, SMT 100gf,

Documents

Product Drawings
[044 UNIV I/O 30DP SLOT LTCH](#)
English

CAD Files
[3D PDF](#)
3D
Customer View Model
[ENG_CVM_CVM_2-111494-3_K.2d_dxf.zip](#)
English
Customer View Model
[ENG_CVM_CVM_2-111494-3_K.3d_igs.zip](#)
English
Customer View Model
[ENG_CVM_CVM_2-111494-3_K.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

Removal Tool for Universal Header Latches

English

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English