2-111492-4 ✔ ACTIVE

AMP-LATCH

TE Internal #: 2-111492-4

Ribbon Cable Connectors, Wire-to-Wire, 44 Position, 2.54mm [.1in] Centerline, Vertical, Through Hole - Solder, Insulation Displacement Crimp (IDC)

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**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	44
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

UL Voltage Rating	250 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Body Features

Daisy Chain	Without
Connector Profile	Low

Contact Features

Contact Mating Area Length	6.1 mm[.24 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Pin
Wire Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Shape & Form	Dual Beam
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Length	3.3 mm[.13 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

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

Housing Features

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

Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
Connector Length	70.41 mm[2.772 in]
Connector Height	23.75 mm[.935 in]
Connector Width	8.38 mm[.33 in]
Wire Size	.08 – .15 mm^2

Accepts Wire Insulation Diameter Range	.81 – .97 mm[.032 – .038 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

CSA File Number	LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL
UL File Number	E28476
UL Flammability Rating	UL 94V-0

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 2021 (211) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 # CAT-AM71-A7305
Pin Connector: Strain Relief, Universal

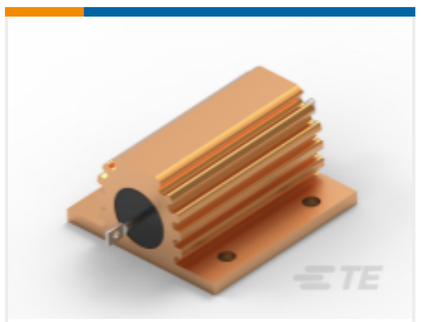


TE Part # 1-1658622-3
44 NOVO MIL/CTR 30DP,LEAD FREE



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

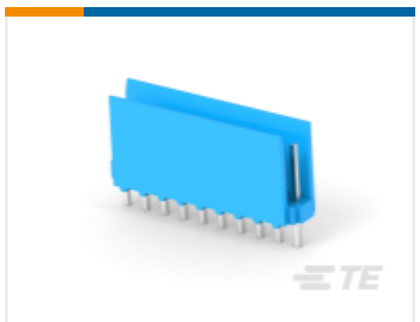
Customers Also Bought



TE Part #3-1630012-8
Power Resistors: Aluminum Housed, HSA



TE Part #650850-5
032 EURO TYPE C RECEPT AP ASSY



TE Part #281695-7
HE13/HE14 TH Headers, SRST



TE Part #YDTS24W19-35PEC001
Jam Nut: D38999, 19-35 Insert



TE Part #1986715-2
PWR TB 2PIN 2P,15.00 PCB-FLANGE



TE Part #221221-7
JACK,BHD,75 OHM,BNC



TE Part #2303402-1
STK MJ ASSY,8POS,2X2,CAT5E



TE Part #2836604-1
OC-AT-E-FM-070F140O-001-0324



TE Part #4-641207-4
14P MTA156 HDR ASSY FL RA LF



TE Part #5164856-5
5 pos MINI-MATCH MALE ASS

Documents

Product Drawings

044 UNIV I/O 30DP NO EARS LTCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-111492-4_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-111492-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-111492-4_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