2-111623-4 ✔ ACTIVE

AMP-LATCH

TE Internal #: 2-111623-4

Wire-to-Board, 40 Position, 2 mm [.079 in] Centerline, 2 Row, Receptacle, Low Profile, Wire & Cable, Signal, 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-Board**

Number of Positions: **40**

Centerline (Pitch): **2 mm [.079 in]**

Row-to-Row Spacing: **2 mm [.1 in]**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Number of Positions	40
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

Mating Pin Diameter	.5 mm[.02 in]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Wire Contact Termination Area Plating Material	Gold
Mating Square Post Dimension	.5 mm[.02 in]
Contact Shape & Form	Single Beam
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Thickness	.127 µm[5 µin]
Contact Type	Socket
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

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

Housing Features

Housing Material	Polyester
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Compatible Insulation Diameter Range	.71 – .87 mm[.028 – .034 in]
Connector Width	5.58 mm[.22 in]
Wire Size	28 AWG
Connector Height	8.48 mm[.334 in]
Connector Length	45.19 mm[1.779 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

Compatible Parts



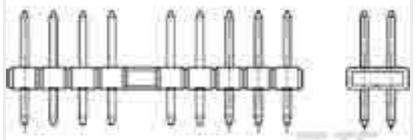
TE Part # 1-5176837-9
40 AMPMODU 2MM, H, AU, LF



TE Part # 5088450-7
PULL LOOP, CUT LENGTH 1.18 IN



TE Part # 111620-1
2MM KEYING PLUG,COMB OF 10



TE Part # 3-5176264-4
40 AMPMODU 2MM DR VERT MNT LF

Customers Also Bought



TE Part #5-104362-8
09 MTE HDR SRST LATCH W/HLDWN



TE Part #640251-7
07P SL156 HSG W/O LCK RAMP



TE Part #640383-7
07P MTA156 HDR ASSY STR SQ SN



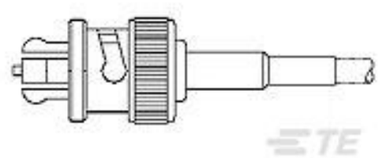
TE Part #8-640917-1
RECEPT,PIDG FASTON 22-18 187



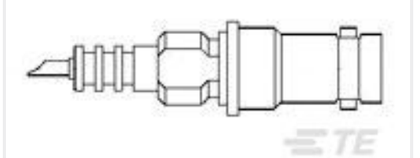
TE Part #8-640919-1
RECEPT,PIDG FASTON 16-14 187



TE Part #1658680-1
KIT,HDP-22,ENCLSUR,PLUG,SIZE 3



TE Part #5051426-5
SAFE HIGH VOLTAGE PLUG



TE Part #5225059-3
SHV Jack Str Bulkhead Crimp RG-59, RG-62



TE Part #2-6609037-6
12EP1=F8217

TE Part #GAG10K3D128
PRO2-PROBE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-111623-4_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-111623-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-111623-4_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

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English