746611-8 ✔ ACTIVE

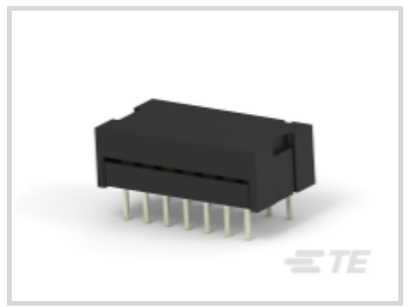
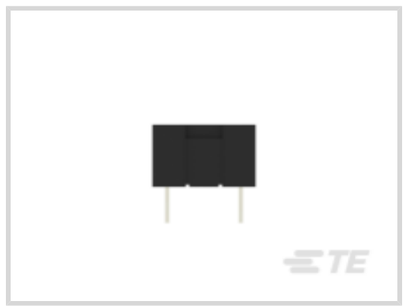
AMP-LATCH

TE Internal #: 746611-8

Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Standard Profile, 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: **14**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Ribbon Cable Connector Header Type	Pin Header
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Number of Positions	14
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Body Features

Daisy Chain	Without

Primary Product Color	Black
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material Thickness	.762 µm[30 µin]
Contact Layout	Inline
Contact Type	Pin
Wire Contact Termination Area Plating Thickness	.127 µm[5 µin]
Wire Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.32 mm[.013 in]
Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Termination Post & Tail Length	3.94 mm[.155 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Length	20.02 mm[.788 in]
Connector Height	6.43 mm[.253 in]

Connector Width	10.67 mm[.42 in]
Wire Size	.051 – .15 mm²
PCB Thickness (Recommended)	3.18 mm[.125 in]
Compatible Insulation Diameter Range	.81 – 1.07 mm[.032 – .042 in]
Row-to-Row Spacing	2 mm[.3 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Solder Dipped
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	180
Packaging Method	Box & Tray, Tray

Product Compliance

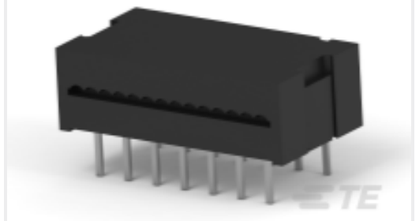
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) 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	Wave solder capable to 265°C

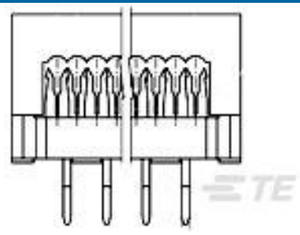
Product Compliance Disclaimer

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 # 5746613-2
14 DIP PLUG CONN-W/COVER



TE Part # 5746612-2
14 DIP PLUG CONN-W/COVER

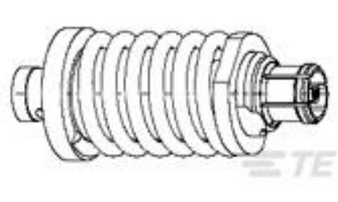
Customers Also Bought



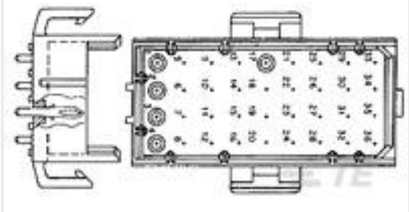
TE Part #5-6609107-5
PS000SS6B=C1114



TE Part #8-324918-2
TERMINAL,PIDG R 12-10 10



TE Part #1996771-1
SMPM STR CBL JACK



TE Part #640498-1
03P MR HDR ASSY V0

TE Part #1SNA164922R1000
BRE-T-1.5

TE Part #1SNA166525R1400
FIC-2/4-1

TE Part #1SNA166737R2000
CC-E-VA

TE Part #1SNA167260R1700
BRE-C-2.5

TE Part #1SNA168010R0100
PROTECTEUR M20

TE Part #594211-E
STVSKO C F 181 ABGE * 50 LP-5 1,00 * * *

Documents

Product Drawings

14 DIP PLUG CONN-W/COVER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_746611-8_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_746611-8_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_746611-8_G.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

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Global Electronic Components Distributor

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TE Connectivity:

2377783-2 2380312-2 650075-000 CPF0402B37K4E1 CRGCQ2010J3K3 MPT100C18RF 1743455-2
1903112-2 2310537-1 TE50BR39J 1393431-1 936348-1 SMW73R0JT 2005330-1 3-1393225-0
SBCHE154R7K ROX05SJ18R 141991-2 917696-1 1-962915-1 1969656-1 3430B2F51RTDF 3631B101LL
U5254-000005-030PA 1-794222-0 175977-2 2834055-1 RH73H2A40MKTN SBCHE64R7K 2-292161-3