1-111382-9 ✔ ACTIVE

AMP-LATCH

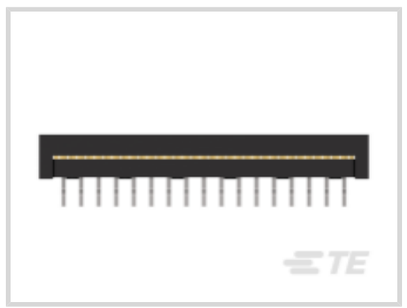
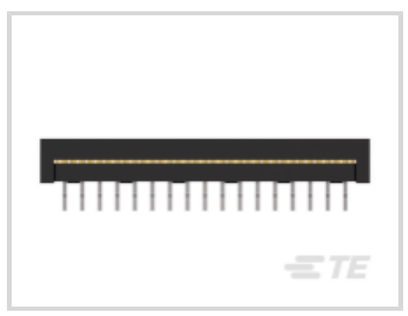
TE Internal #: 1-111382-9

Wire-to-Board, 34 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Low 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: **34**

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

PCB Mount Retention: **With**

PCB Mount Retention Type: **Kinked Legs**

Features

Product Type Features

Ribbon Cable Connector Header Type	Shrouded
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	34
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	Low

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 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	2.54 µm[100 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Tuning Fork
PCB Contact Termination Area Plating Material	Tin
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[.019 in]
Termination Post & Tail Length	3.96 mm[.156 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	47.75 mm[1.88 in]

Connector Height	6.43 mm[.253 in]
Connector Width	7.06 mm[.278 in]
Wire Size	.051 – .15 mm²
PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
Compatible Insulation Diameter Range	.81 – 1.07 mm[.032 – .042 in]
Row-to-Row Spacing	2 mm[.1 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
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	50
Packaging Method	Box & Tube, Tube

Product Compliance

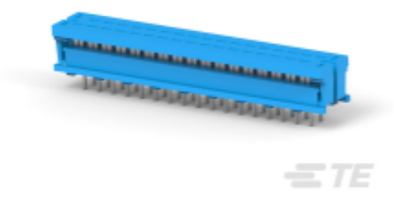
For compliance documentation, visit the product page on TE.com>

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

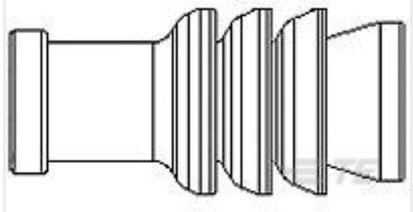


TE Part # 1658525-2
622-3453LF, PCB IDC, LEAD FREE

Customers Also Bought



TE Part #1-640250-2
12P SL156 HSG W/LCK RAMP NATL



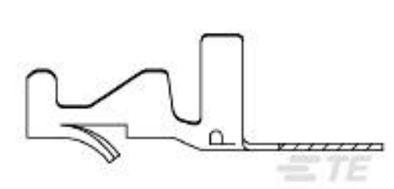
TE Part #967067-1
MQS SGL WIRE SEAL



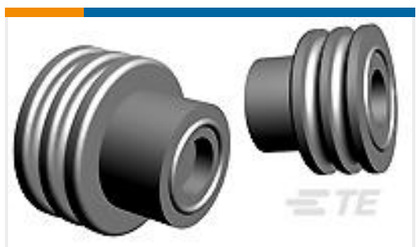
TE Part #5-965906-6
MQS0,63 Ag rec LL EDS 0,5-0,75



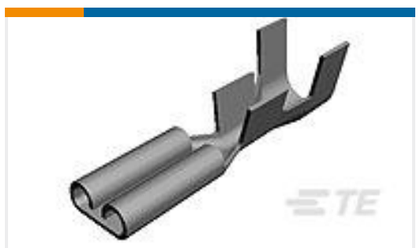
TE Part #165008
PLASTI-GRIP, SPADE 22-16 8



TE Part #3-640311-1
MINI AMP-IN 22-18 AWG . 008PTPPHBZ



TE Part #1719043-1
SINGLE WIRE SEAL,GREEN



TE Part #170213-2
250 FASTON,REC.,18-14 AWG,TPBR



TE Part #320569
TERMINAL,PIDG R 12-10 1/4

Documents

Product Drawings

034 DIP PLUG 100CL TIN KK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-111382-9_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-111382-9_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-111382-9_N.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

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Global Electronic Components Distributor

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TE Connectivity:

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