1658525-7 ✔ ACTIVE

AMPMODU

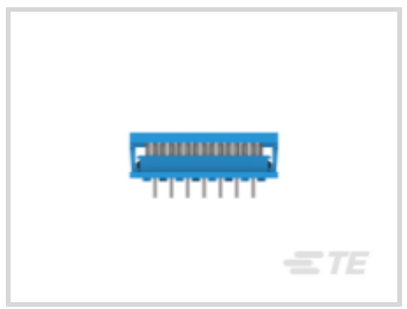
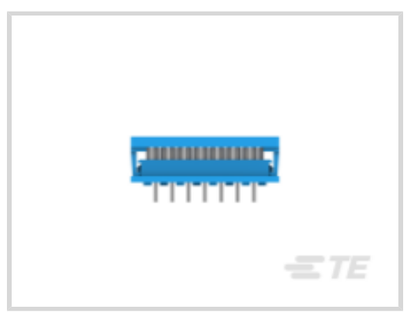
TE Internal #: 1658525-7

Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, 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	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	14
PCB Mount Orientation	Vertical
Number of Rows	2

Body Features

Primary Product Color	Blue

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]

Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.36 mm[.014 in]
Rectangular Termination Post & Tail Width	.46 mm[.018 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal

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

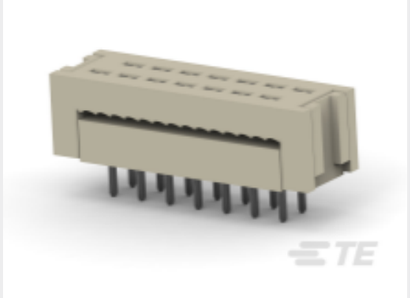
Product Compliance Disclaimer

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

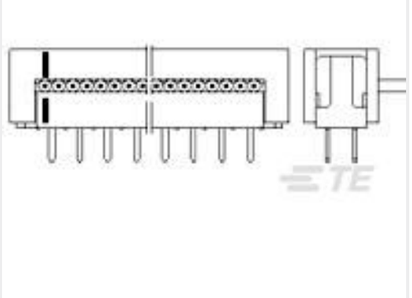
Compatible Parts



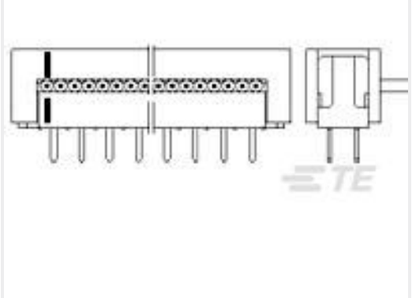
TE Part # 2-746610-2
014 DIP PLUG 100CL TIN



TE Part # 1-216093-4
AMP-LATCH PRE-ASSY DIL WITHO



TE Part # 1-216791-4
AMP LATCH D/P ASSY



TE Part # 1-216119-4
AMP-LATCH PRE-ASSY DIL TAPE

Customers Also Bought



TE Part #1462051-2
HF353=50OHM140MW 5V MONO



TE Part #1393243-2
RTE24006



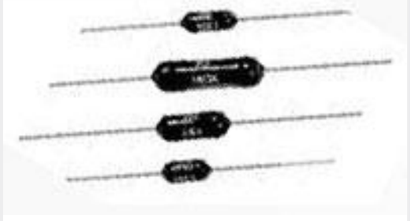
TE Part #6339169-3
ASSY,SHLD,1X8,MJ,WAVE PNL



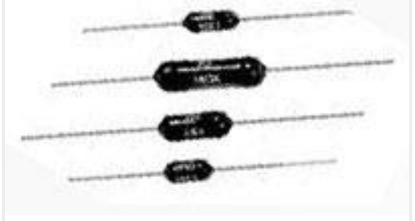
TE Part #1625812-2
3631B 100UH 15% FIO



TE Part #3-2213767-9
AV19 SPL 3A MOVE RING LED BLUE 24V



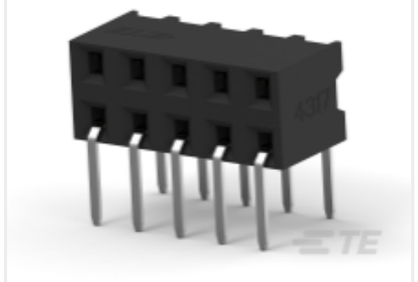
TE Part #9-1879662-7
H8 100R 0.1% 15PPM



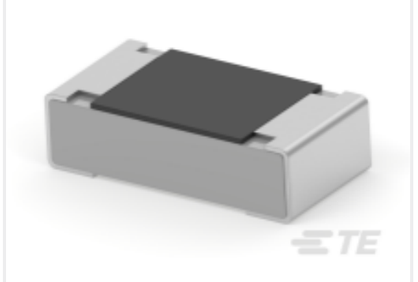
TE Part #3-1879663-6
H8 249R 0.1% 15PPM



TE Part #D83327-000
204W511-25-0



TE Part #1-2314924-0
10P,2MM,B-B,REC,DRHZ,2.8,0.1AU,TR



TE Part #4-2176340-0
CRGCQ 0603 3M3 5%

Documents

Product Drawings

622-1453LF, PCB IDC, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658525-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658525-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658525-7_B.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

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