1761682-3 ✔ ACTIVE

AMP-LATCH

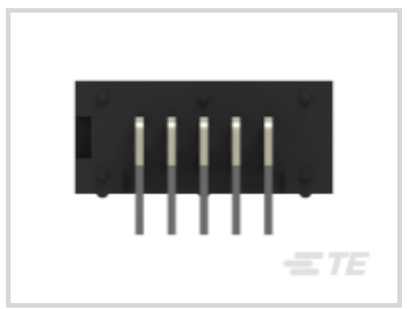
TE Internal #: 1761682-3

Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Right Angle, 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: **10**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Right Angle**

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

Configuration Features

Number of Positions	10
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Body Features

Daisy Chain	With

Primary Product Color	Black
Connector Profile	Low

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Type	Pin
	15 µin
Contact Mating Area Plating Material	Gold
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	2.9 mm[.114 in]
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	Center
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Housing Material	PCT
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
Connector Length	20.32 mm[.8 in]

Connector Height	8.89 mm[.35 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	50
Packaging Method	Package

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

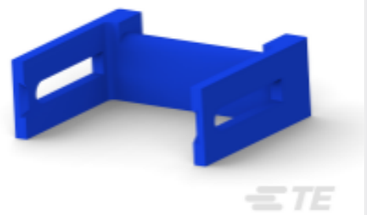
Product Compliance Disclaimer

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



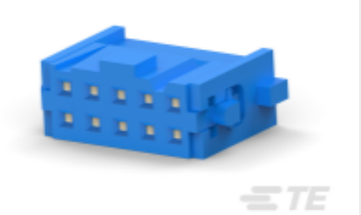
TE Part # 499252-5
010 STRAIN RELIEF A-L RCPT



TE Part # 3-1437020-7
609-1031HD=FSKT IDC S 10 SR



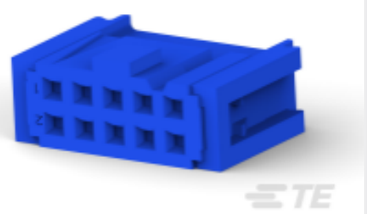
TE Part # 1658621-1
10 NOVO MIL/CTR 15DP,LEAD FREE



TE Part # 1658526-4
609-1030LF FEM SOCKT,LEAD FREE



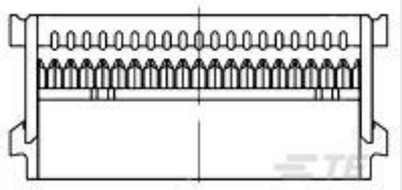
TE Part # 1658527-4
622-1041LF FEM SOCKT,LEAD FREE



TE Part # 1658527-3
622-1030LF FEM SOCKT,LEAD FREE



TE Part # 1658620-1
10 NOVO MIL 15DP, LEAD FREE



TE Part # 1658526-5
609-1041LF FEM SOCKT,LEAD FREE



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



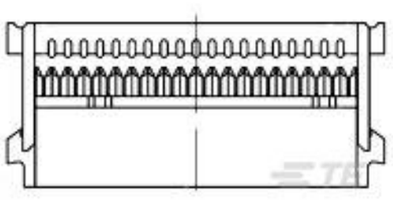
TE Part # 1658623-1
10 NOVO MIL 30DP, LEAD FREE



TE Part # 1-1658528-1
636-1030LF=FEM SKT BLADE POL 1



TE Part # 1658528-2
636-1041LF FEM SOCKT,LEAD FREE

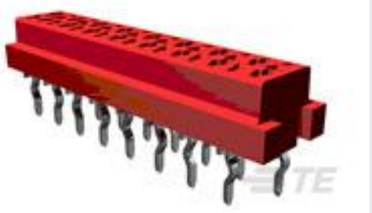


TE Part # 1658526-3
609-1000MLF FEM SCKT,LEAD FREE

Customers Also Bought



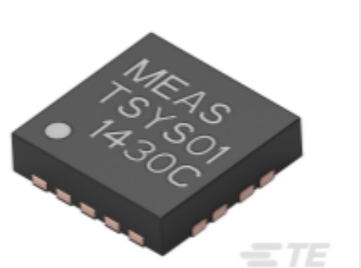
TE Part #5747840-4
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #7-215079-4
MICRO-MATCH FOB.04P



TE Part #1-338314-2
15POS.HD20 REC.ASSY



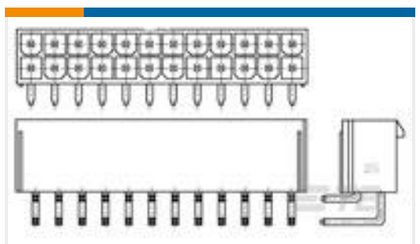
TE Part #G-NICO-018
0.1 DEG C ACCURACY QFN TEMP SENSOR



TE Part #1734248-4
1.0 FPC, ZIF V/T, SMT, 4P



TE Part #1551575-5
Shield Finger, Loose Piece



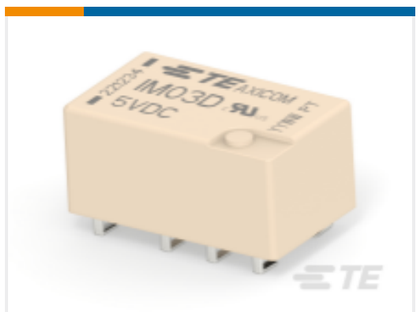
TE Part #1586041-2
2P VAL-U-LOK R/A HDR V2



TE Part #9-2176306-3
RP 1E 0.1W 10K5 0.1% 25PPM 5K RL



TE Part #1612618-1
DDR SODIMM SOCKET 200POS SEMI-



TE Part #3-1462039-3
IM03DJR=IM RELAY 140mW 5V

Documents

Product Drawings

IDC LOW PRO HDR 10P RA HT BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761682-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1761682-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1761682-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

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Global Electronic Components Distributor

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TE Connectivity:

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