1-1986693-6 ✔ ACTIVE

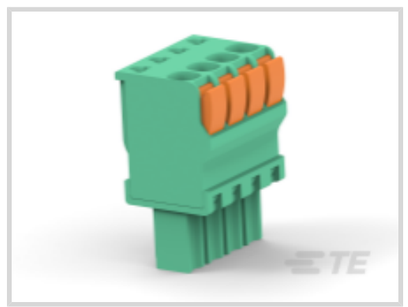
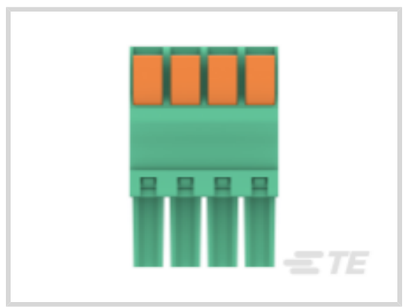
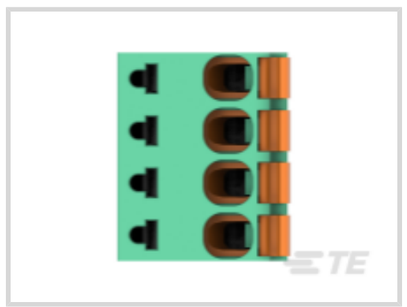
Buchanan

TE Internal #: 1-1986693-6

PCB Terminal Blocks, Plug, Wire-to-Board, 16 Position, 3.5mm [.138in] Centerline, 1 Row, Top Wire Entry Angle, 30 – 14AWG Wire Size

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **16**

Centerline (Pitch): **3.5 mm [.138 in]**

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Block Type	Spring Terminal Block
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Threaded Flange	Without
Stacking Configuration	Side Stackable
Number of Positions	16
Number of Rows	1
Wire Entry Angle	Top

Electrical Characteristics

Current Rating (Max)	9 A, 11 A
Voltage Rating	300 VAC

Body Features

Interlock	Without
Lever Color	Orange

Contact Features

Contact Mating Area Plating Material	Tin over Copper Alloy
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	11 A

Mechanical Attachment

Mating Angle	90° (Bottom)/ 270° (Top)
Screwless Terminal Block	Yes
Mounting Angle	Vertical
Screw Flange	Without

Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Wire Size	.05 – 2 mm²

Usage Conditions

Operating Temperature Range	-40 – 65 °C[-40 – 149 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	50

Product Compliance

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

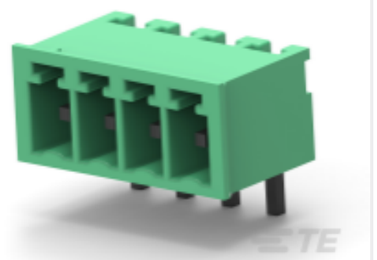
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)

	Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 284512-8
8 POS TERMI-BLOK HDR 900 POLAR



TE Part # 1-2342071-6
16POS HDR ST,HT, 3.5MM PITCH, TL 1.9MM



TE Part # 1-2342076-6
16POS HDR 90 DEG,HT,3.5MM PITCH, TL1.9MM

Customers Also Bought



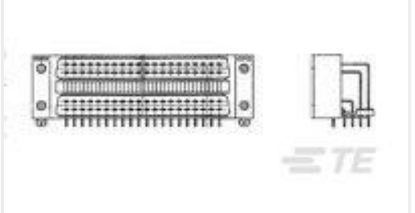
TE Part #1-2271656-1
Mini I/O Straight Header Type 1



TE Part #1734290-2
IEEE 1394, RCPT, 6P, V/T, DIP, H 3.18

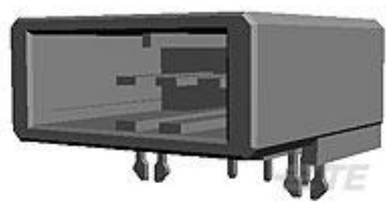


TE Part #2-178216-2
DYNAMIC 3400F HDR ASSY



TE Part #900412-1
PC I/O RETENTION LEG ASSY 80P

PCB Terminal Blocks, Plug, Wire-to-Board, 16 Position, 3.5mm [.138in] Centerline, 1 Row, Top Wire Entry Angle, 30 – 14AWG Wire Size



TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



TE Part #3-2134249-3
D3900S 7.5MM PITCH REC ASSY 3P BLACK Z



TE Part #3-5175475-5
CHAMP 050 B/B REC V W/LEG 40P



TE Part #2-87025-5
02 MODI CRMP S-I HSG SR .156CL



TE Part #2352424-1
REC Contact 3 Series Reel, MMC-PB

Documents

Product Drawings

STR PLUG SPRING TYPE LH 16P, 3.50mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1986693-6_A_c-1-1986693-6-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1986693-6_A_c-1-1986693-6-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1986693-6_A_c-1-1986693-6-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

2-1773464-1_Spring_Type_Straight_Plugs

English