1811957-1 ✔ ACTIVE

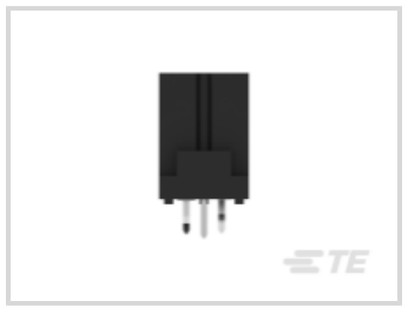
Buchanan WireMate

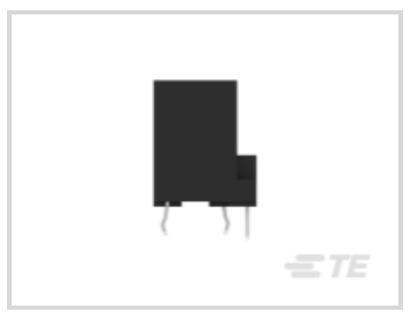
TE Internal #: 1811957-1

Connector, Poke-In, Header, Wire-to-Board, 2 Position, 3.5 mm [.138 in] Centerline, Printed Circuit Board, 16 – 18 AWG Wire Size, Ballast Connectors

View on TE.com >

Connectors > Lighting Connectors > Ballast Connectors

Lighting Product Type: **Connector**

Termination Method to Wire & Cable: **Poke-In**

Lighting Connector Type: **Header**

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

Number of Positions: **2**

Features

Product Type Features

Lighting Connector Style	Screwless Wire
Lighting Product Type	Connector
Lighting Connector Type	Header
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Number of Positions	2

Electrical Characteristics

Operating Voltage (Max)	600 VDC

Body Features

Primary Product Material	PBT GF
Primary Product Color	Black

Contact Features

Contact Layout	Staggered
Wire Contact Termination Area Plating Thickness	6.4 µm[251.97 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	6.4 µm[251.97 µin]
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	6 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Poke-In

Mechanical Attachment

PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Connector Length	10.64 mm[.419 in]
Post-Mating Assembly Measurement	10.64 mm[.418 in]
Connector Height	13 mm[.512 in]
Connector Width	8.9 mm[.35 in]
PCB Thickness (Recommended)	1.8 mm[.07 in]
Wire Size	16 – 18 AWG

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Approved Standards Products	CSA C22.2 No. 182.3, UL 1977
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Tray

Product Compliance

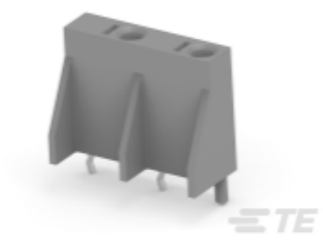
For compliance documentation, visit the product page on TE.com>

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

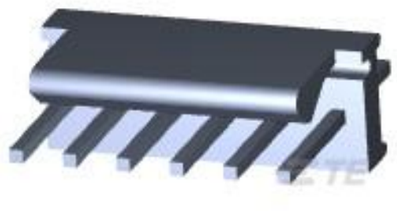
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

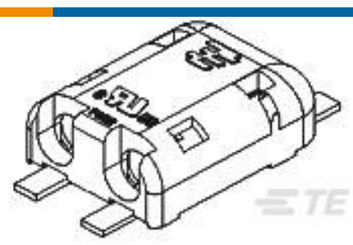


TE Part # 1-2213629-2
CONN, INLINE VERT SCRWLESS, SPECIAL PACK

Customers Also Bought



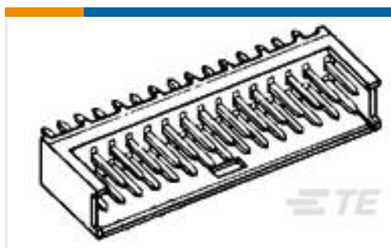
TE Part #640456-6
06P MTA100 HDR ASSY F/L SQ STR



TE Part #1954097-1
Poke In SMT,2 Position Connect



TE Part #1-2008552-2
CONNECTOR, INLINE VERT SCREWLESS



TE Part #280388-2
2X22P MODU II SHRD HDR,ST, 0.38AU

TE Part #2301843-2
AMPL PLUG HD20, R/A, 9P, B/L,4-40 S /LOCK

TE Part #2-2176330-4
CRGP 2010 820R 1%

TE Part #5053192058
RNF-100-1/2-0-STK

TE Part #690474-6
SHEAR BLADE



TE Part #1483350-3
MICRO-MATCH LEAD 04P 250MM

TE Part #2829770-1
CABLE ASSEMBLY, GROUND CLIP

Documents

Product Drawings

ASY,SCRLESS WIRE CONN,VERT,2P

English

CAD Files

Customer View Model

ENG_CVM_1811957-1_A3.3d_igs.zip

English

Customer View Model

ENG_CVM_1811957-1_A3.3d_stp.zip

English

Customer View Model

ENG_CVM_1811957-1_A3.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1811957-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1811957-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1811957-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

BUCHANAN WireMate Connectors Brochure

BUCHANAN WireMate Connectors Brochure

English

Vertical and In-Line Screwless Wire Connectors

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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