1586101-3 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 1586101-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Panel, 3 Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-2

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **4.2 mm [.165 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Insertion Force	15 Newton
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Layout	Inline

Contact Retention Within Housing	Without
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Connector Height	7.4 mm[.291 in]
Product Width	23.9 mm[.94 in]
Product Length	13.8 mm[.543 in]
Compatible Insulation Diameter Range	1.2 - 3.1 mm[.047 - .122 in]

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	With

Industry Standards

CSA Rating	208567
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Product Compliance

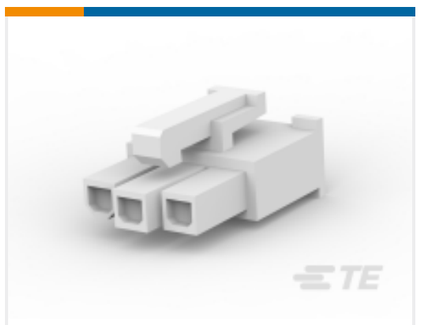
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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



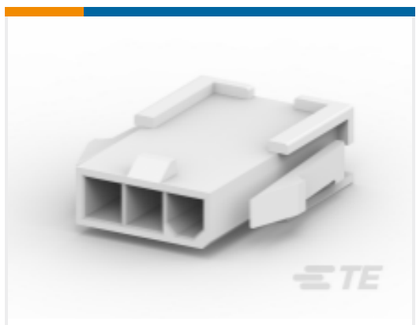
TE Part # 1586105-3
3P RCPT VAL-U-LOK SR V2



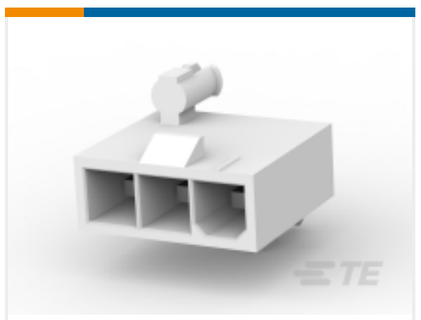
TE Part # 2029054-3
3P VAL-U-LOK SR HDR SN V2 W/DH



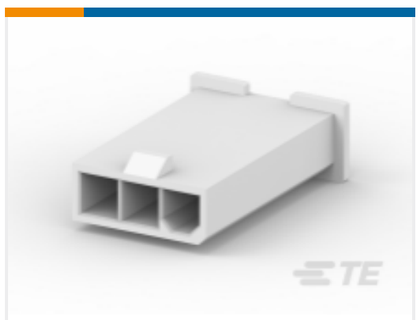
TE Part # 2029150-3
3P R/A HDR VAL-U-LOK V2 W/P



TE Part # 2307184-3
3P PLUG SR VAL-U-LOK PM GW - TPA VERSION



TE Part # 2029058-3
3P VAL-U-LOK SR HDR SN V2 WODH



TE Part # 2307185-3
3P PLUG SR VAL-U-LOK FH GW - TPA VERSION

Customers Also Bought



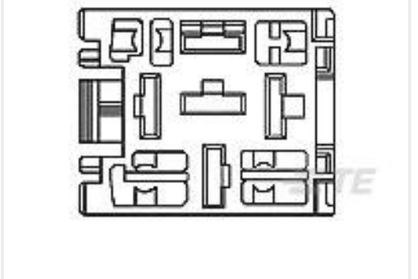
TE Part # HDP26-24-47PE-L017
PLG, 47P, BLK, E, RNG, 16/20, P



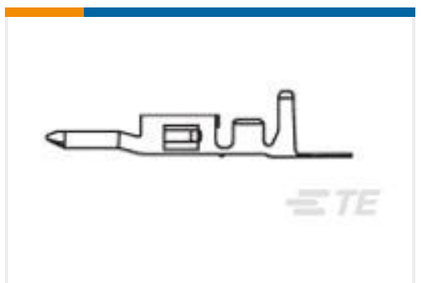
TE Part # 5-534237-3
05 MODII VRT SR CE 100/115



TE Part # 5-103414-1
03 MODII HDR SRST SHRD LF



TE Part # 280289
MODULAR RELAY CONN.



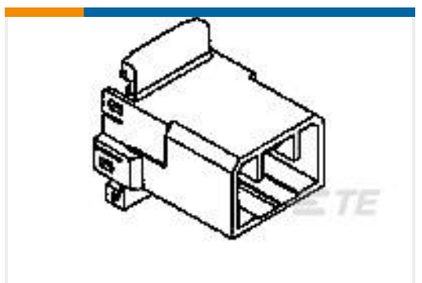
TE Part # 1586314-1
VAL-U-LOK PIN BR TN 22-18 LP



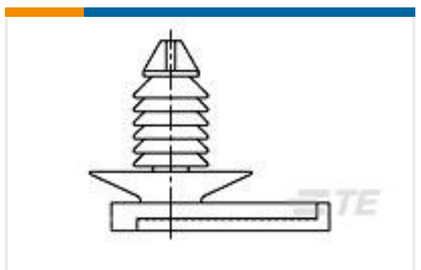
TE Part # 5148103-1
ASSY,PIN,EUROCARD,TYPE B,LEAD-



TE Part # 2-1625868-0
RP 2A 0.25W 100K 0.1% 25PPM 1K RL



TE Part # 174932-1
070 MLC W-W CAP HSG 10P



TE Part # 368373-1
CLIP FOR EJ MK-II (TREE TYPE)

Documents

Product Drawings

3P PLUG VAL-U-LOK SR PM V2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1586101-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1586101-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1586101-3_C.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_1586101-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586101-3_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586101-3_A.2d_dxf.zip

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English