1586317-1 ✔ ACTIVE

VAL-U-LOK

TE Internal #: 1586317-1

Socket Contact, Tin, 600 VAC, 26 – 22 AWG Wire Size, .13 – .33 mm² Wire Size, Crimp, Brass, Power, -40 – 105 °C [-40 – 221 °F]

View on TE.com >

Connectors > Contacts > Connector Contacts





Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Shape & Form	Single Beam
Contact Orientation	Straight
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	9 A

Termination Features

Termination Method to Wire & Cable	Crimp

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Compatible Insulation Diameter Range	1.19 – 1.75 mm[.047 – .069 in]
Wire Size	.13 – .33 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0, UL 94V-2

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

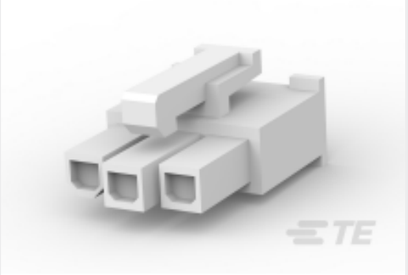
For compliance documentation, visit the product page on TE.com>

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	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

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 # 91387-1
PRO-CRIMPER TOOL & DIE



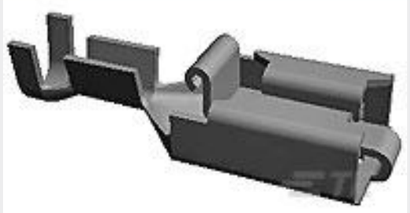
TE Part # 2348032-3
3P RCPT SR VAL-U-LOK GW V0

TE Part # 2348036-4
4P SR RCPT VAL-U-LOK GW V0

TE Part # 2348036-5
5P SR RCPT VAL-U-LOK GW V0

Customers Also Bought

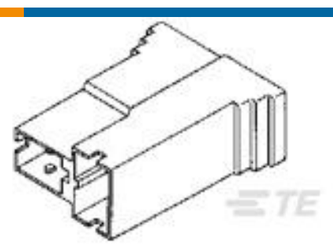
TE Part #3-88179-4
012 HOUSING FFC RCPT DR 100CL



TE Part #341002-6
PL 250 REC TERMINAL 18-14 PTPB LP

TE Part #2-967626-1
AMP Unsealed Connector Housing

TE Part #1SNL312530R0000
DBL125-3



TE Part #926522-1
PL 250 REC HSG 2P NYLON BLACK

TE Part #5-1393304-5
V23134M0000M000

TE Part #GA100K6MCD475
MBD9-PROBE

TE Part #LBT3400LS
MOUNT,TKG,3/4

Documents

Product Drawings

VAL-U-LOK SKT BR SN 26-22 LP

English

CAD Files

Customer View Model

ENG_CVM_1586317-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1586317-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1586317-1_A.2d_dxf.zip

English

3D PDF

3D

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English