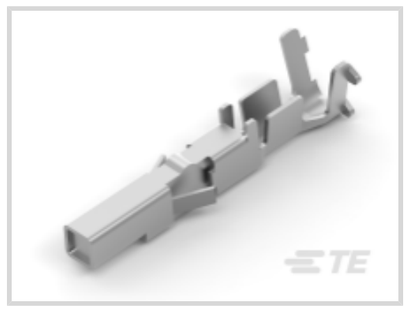
2825213-1 ✔ ACTIVE

TE Internal #: 2825213-1

Power Contacts, Contact, 600 VAC, Tin, 22 – 18 AWG Wire Size, .33 – .82 mm² Wire Size, Wire & Cable, Crimp, Power, Socket, -40 – 105 °C [-40 – 221 °F]

View on TE.com >

Connectors > Power Connectors > Power Contacts





Power Contact Type: **Contact**

Operating Voltage: **600 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.33 – .82 mm²**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	11 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Orientation	Straight

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.762 µm[30 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	.33 – .82 mm²
Compatible Insulation Diameter Range	1.5 – 3.1 mm[.06 – .122 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed for solder process capability

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

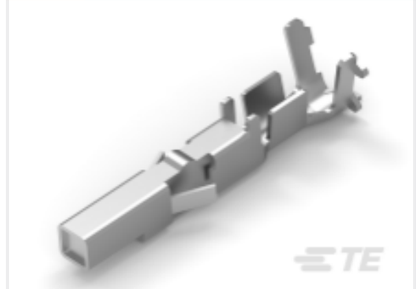
TE Part # 2825206-1
VAL-U-LOK PIN HCS SN 16AWG

TE Part # 2825207-1
VAL-U-LOK SKT HCS SN 16AWG

TE Part # 2825208-1
VAL-U-LOK PIN 16AWG HCS SN LP

TE Part # 2825209-1
VAL-U-LOK SKT 16AWG HCS SN LP

TE Part # 2825210-1
VAL-U-LOK PIN HCS SN 18-22AWG



TE Part # 2825211-1
VAL-U-LOK SKT HCS SN 18-22AWG

TE Part # 2825212-1
VAL-U-LOK PIN HCS TN 22-18 LP

TE Part # 2238017-1
VAL-U-LOK SKT BR SN 18-22AWG

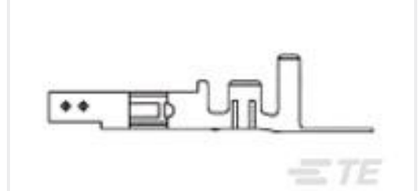
TE Part # 2238016-1
VAL-U-LOK PIN BR SN 18-22AWG

TE Part # 2238020-1
VAL-U-LOK PIN BR TN 22-18 LP

Customers Also Bought

TE Part #322451
TERMINAL,SOLIS SPD 12-10 6

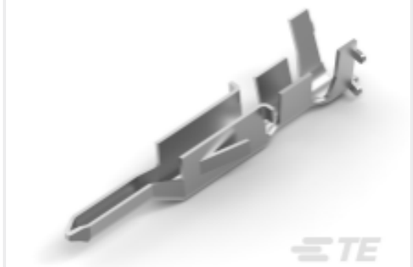
TE Part #31172
BODY,RING TONGUE 22-18



TE Part #1586055-1
VAL-U-LOK SKT BR SN 16AWG

TE Part #160917-2
FF 250 REC 1-2.5MM2 TPBR

TE Part #2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part #2825210-1
VAL-U-LOK PIN HCS SN 18-22AWG

TE Part #2-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSY

TE Part #1062-20-0622
SOC, SF, SIZE 20, 14-16, NI/NI

TE Part #63467-1
FF 250 REC 14-10AWG TPBR

Documents

Product Drawings

VAL-U-LOK SKT HCS SN 22-18 LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2825213-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2825213-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2825213-1_A.3d_stp.zip

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English