



Relays, Contactors & Switches > Switches > DIP & SIP Switches



DIP & SIP Switch Product Type: **Jumper Plug Assembly**

DIP & SIP Switch Contact Mating Area Plating Material: **Gold**

DIP & SIP Switch Housing Color: **Black**

DIP & SIP Switch Housing Material: **Polyester**

Auto-Insertable: **No**

Features

Product Type Features

|                               |                      |
|-------------------------------|----------------------|
| DIP & SIP Switch Product Type | Jumper Plug Assembly |
| Sealed DIP & SIP Switch       | No                   |
| DIP & SIP Switch Type         | DIP Switch           |

Configuration Features

|                            |                            |
|----------------------------|----------------------------|
| Configuration (Pole-Throw) | Single Pole - Single Throw |
|----------------------------|----------------------------|

Electrical Characteristics

|                                 |         |
|---------------------------------|---------|
| DIP & SIP Switch Voltage Rating | 500 VDC |
|---------------------------------|---------|

Contact Features

|                                                       |                 |
|-------------------------------------------------------|-----------------|
| DIP & SIP Switch Contact Mating Area Plating Material | Gold            |
| Auto-Insertable                                       | No              |
| Contact Base Material                                 | Phosphor Bronze |

Mechanical Attachment

|                                |              |
|--------------------------------|--------------|
| DIP & SIP Switch Mounting Type | Through Hole |
|--------------------------------|--------------|

Housing Features

|                                   |                |
|-----------------------------------|----------------|
| DIP & SIP Switch Housing Color    | Black          |
| DIP & SIP Switch Housing Material | Polyester      |
| DIP & SIP Switch Centerline       | 2.54 mm[.1 in] |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -65 – 125 °C |
|-----------------------------|--------------|



Other

|         |          |
|---------|----------|
| Comment | 2x10-9 Ω |
|---------|----------|

Product Compliance

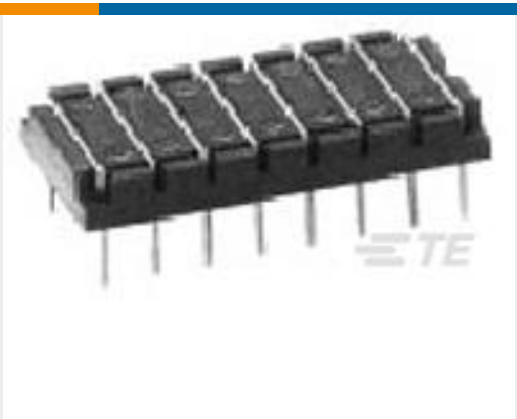
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JAN 2023 (233)<br>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                                                                                                   |

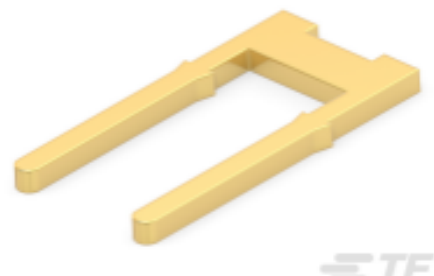
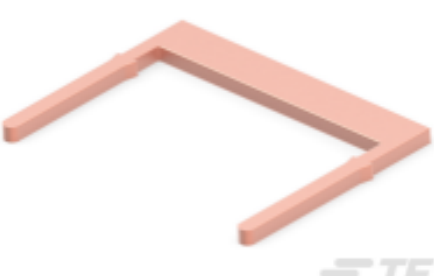
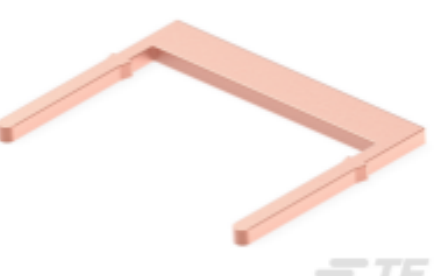
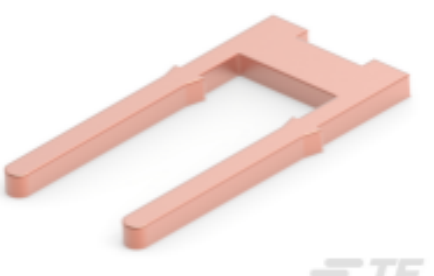
Product Compliance Disclaimer

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>

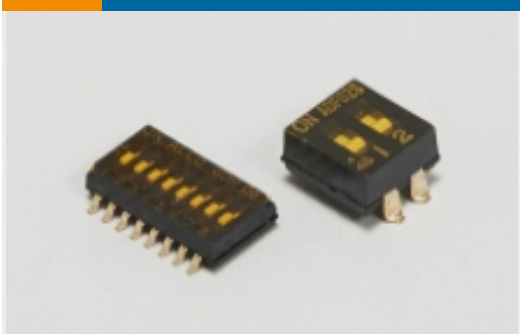
Compatible Parts

|                                                                                                                                                  |                                                                                                                                                      |                                                                                                                                                    |                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-1437507-9<br/>8136-475G8=JUMPER PLUG ASSY</p> |  <p>TE Part # 3-1437507-0<br/>8136-652P4=INSULATOR, 8 POSITI</p> |  <p>TE Part # 1-1437507-7<br/>8136-475G7=JUMPER PLUG ASSY</p> |  <p>TE Part # 2-1437507-2<br/>8136-477P1=INSULATOR</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                   |                                                                                                                                                    |                                                                                                                                                       |                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2-1437507-7<br/>8136-652P1=INSULATOR, 3 POSITI</p> |  <p>TE Part # 2-1437507-8<br/>8136-652P2=INSULATOR, 4 POSITI</p>  |  <p>TE Part # 2-1437507-9<br/>8136-652P3=INSULATOR, 7 POSITI</p>   |  <p>TE Part # 3-1437507-1<br/>8136-652P5=INSULATOR, 9 POSITI</p> |
|  <p>TE Part # 3-1437507-2<br/>8136-652P6=INSULATOR, 2 POSITI</p> |  <p>TE Part # 2-1437507-5<br/>8136-651P2=PIN 3.2.1 GOLD PLAT</p>  |  <p>TE Part # 1437507-7<br/>8136-475G1=SHORTING PLUG ASSEM</p>     |  <p>TE Part # 1-1437507-0<br/>8136-475G2=JUMPER PLUG ASSY</p>    |
|  <p>TE Part # 1-1437507-5<br/>8136-475G4=JUMPER PLUG ASSY</p>  |  <p>TE Part # 2-1437507-3<br/>8136-650P2=PIN GOLD PLATE PER</p> |  <p>TE Part # 2-1437507-4<br/>8136-650P3=PIN TIN PLATE PER 3</p> |  <p>TE Part # 2-1437507-6<br/>8136-651P3=PIN TIN 3.3.1</p>     |
|  <p>TE Part # 1-1437507-6<br/>8136-475G4T=JUMPER PLUG ASSY</p> |                                                                                                                                                    |                                                                                                                                                       |                                                                                                                                                     |

Also in the Series | [Alcoswitch DIP](#)

|                                                                                                                        |                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|  <p>DIP &amp; SIP Switches(241)</p> |  <p>Rotary Switches(16)</p> |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|

Also in the Series | [Alcoswitch DIP JUMPER PLUG](#)



DIP & SIP Switches(5)

Customers Also Bought



TE Part #206037-1  
CPC PLUG ASSEMBLY SIZE 17-16



TE Part #206070-8  
CABLE CLAMP KIT #17



TE Part #66506-3  
20 DF PIN



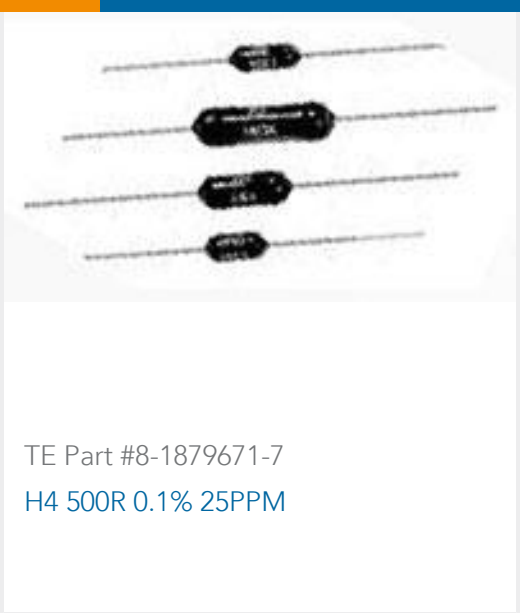
TE Part #0413-204-2005  
SEALING PLUG, SIZE 20, RED



TE Part #747461-1  
25 APFL RCPT RA 590



TE Part #DRCP28-86SB  
PLG, 86P, BLK, 12/20, B



TE Part #8-1879671-7  
H4 500R 0.1% 25PPM

Documents

Product Drawings

8136-475G9=JUMPER PLUG ASSY

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2-1437507-1\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1437507-1\_O.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1437507-1\_O.2d\_dxf.zip

English

3D PDF

3D

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



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Datasheets & Catalog Pages

SWITCHES\_CORE\_PROGRAM\_CATALOG

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English