



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



DIP & SIP Switch Product Type: **Switch**

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

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

DIP & SIP Switch Housing Material: **Nylon - GF**

Auto-Insertable: **No**

Features

Product Type Features

| | |
|-------------------------------|--------|
| DIP & SIP Switch Product Type | Switch |
| Sealed DIP & SIP Switch | No |
| DIP & SIP Switch Type | DIP |
| Actuator Style | Slide |

Configuration Features

| | |
|----------------------------|----------------------------|
| Number of Positions | 2 |
| Number of Switches | 2 |
| Configuration (Pole-Throw) | Single Pole - Single Throw |

Electrical Characteristics

| | |
|---------------------------------|--------|
| DIP & SIP Switch Voltage Rating | 50 VDC |
|---------------------------------|--------|

Body Features

| | |
|----------------|-----|
| Actuator Color | Red |
|----------------|-----|

Contact Features

| | |
|---|-----------|
| Solder Tail Contact Plating | Tin |
| | 98.42 μin |
| DIP & SIP Switch Contact Mating Area Plating Material | Tin |
| Auto-Insertable | No |
| DIP & SIP Switch Contact Current Rating | .01 A |



| | |
|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

Termination Features

| | |
|-------------------------|-----------------|
| Termination Post Length | 3.2 mm[.126 in] |
|-------------------------|-----------------|

Mechanical Attachment

| | |
|----------------|----------|
| Mounting Angle | Vertical |
|----------------|----------|

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

Housing Features

| | |
|--------------------------------|---------|
| DIP & SIP Switch Housing Color | Natural |
|--------------------------------|---------|

| | |
|-----------------------------------|------------|
| DIP & SIP Switch Housing Material | Nylon - GF |
|-----------------------------------|------------|

| | |
|-----------------------------|----------------|
| DIP & SIP Switch Centerline | 2.54 mm[.1 in] |
|-----------------------------|----------------|

Dimensions

| | |
|--------|-----------------|
| Height | 8.5 mm[.334 in] |
|--------|-----------------|

| | |
|--------|------------------|
| Length | 7.62 mm[.299 in] |
|--------|------------------|

Usage Conditions

| | |
|-----------------------------|-------------|
| Operating Temperature Range | -25 – 70 °C |
|-----------------------------|-------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

Other

| | |
|---------|----------------------------------|
| Comment | Soldering in "off" position only |
|---------|----------------------------------|

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 | Out of Scope |
|-----------------------------|--------------|

| | |
|---|---|
| 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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: |
|--|---|



Not Yet Reviewed

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 # 5161390-7
07P.DIP SWITCH ASSY



TE Part # 5161390-8
08P.DIP SWITCH ASSY



TE Part # 5161390-4
04P.DIP SWITCH ASSY



TE Part # 5161390-3
03P.DIP SWITCH ASSY



TE Part # 5161390-1
01P.DIP SWITCH ASSY



TE Part # 5161390-5
05P.DIP SWITCH ASSY



TE Part # 5161390-6
06P.DIP SWITCH ASSY



TE Part # 1-5161390-0
10P.DIP SWITCH ASSY



TE Part # 1-5161390-6
16P.DIP SWITCH ASSY



TE Part # 1-5161390-1
11P.DIP SWITCH ASSY



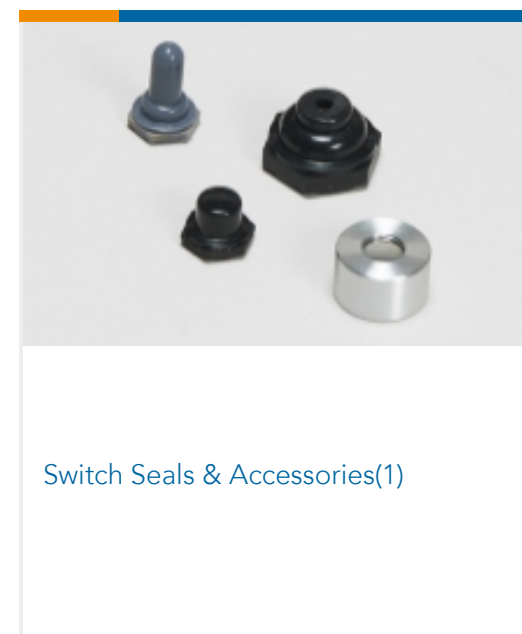
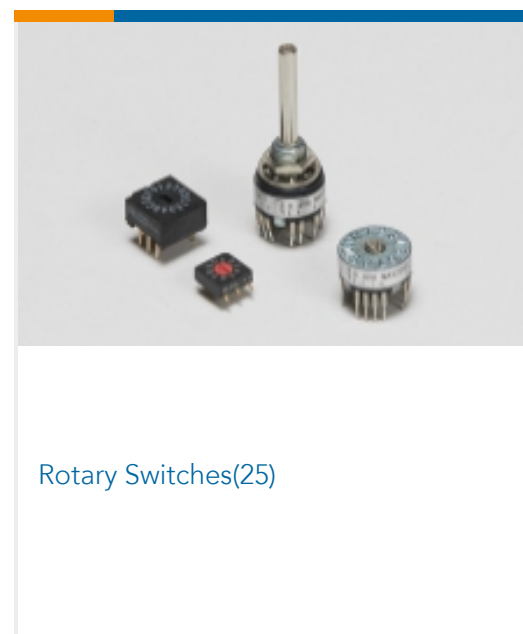
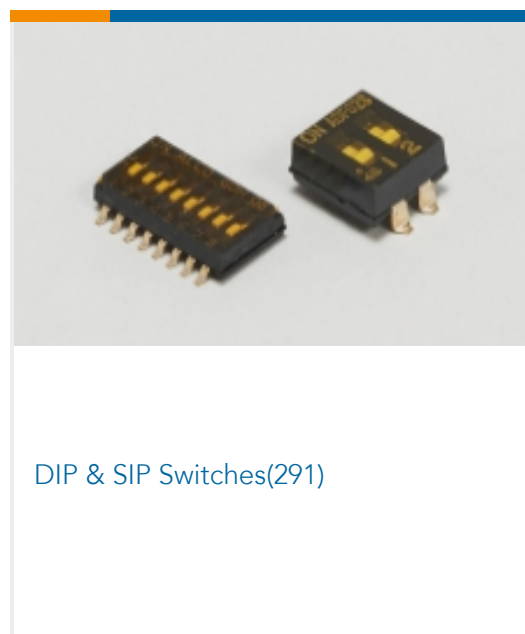
TE Part # 1-5161390-2
12P.DIP SWITCH ASSY



TE Part # 1-5161390-3
13P.DIP SWITCH ASSY



Also in the Series | Alcoswitch DIP



Customers Also Bought





Documents

Product Drawings

[02P.DIP SWITCH ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5161390-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5161390-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5161390-2_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SWITCHES_CORE_PROGRAM_CATALOG](#)

English