



Passive Components > Resistors > Potentiometers



Power Rating: **1 W**

Product Terminates To: **Wire**

Product Mount Type: **Panel**

Passive Component Dimensions: **23.5 x 22.6 mm**

Passive Component Tolerance: **10 %**

Features

Product Type Features

| | |
|------------------|-------------|
| Element Type | Wire Wound |
| Sealing Option | Not Sealed |
| Rotary Turn Type | Single Turn |

Configuration Features

| | |
|---------------------|---------|
| Number of Turns | 1 |
| Sections | Single |
| Adjustment Location | Side |
| Adjustment Method | Spindle |

Electrical Characteristics

| | |
|-----------------------------|---------------------------|
| Power Rating | 1 W |
| Passive Component Tolerance | 10 % |
| Resistance Value | 1K Ω |
| Resistance Class | 1k Ω – 1M Ω |

Body Features

| | |
|---------------------|-------------|
| Shaft Style | Plain |
| Product Orientation | Right Angle |

Termination Features

| | |
|-----------------------|------|
| Product Terminates To | Wire |
|-----------------------|------|



Mechanical Attachment

| | |
|--------------------|-------|
| Product Mount Type | Panel |
|--------------------|-------|

Dimensions

| | |
|------------------------------|----------------|
| Passive Component Dimensions | 23.5 x 22.6 mm |
| Shaft Size | 6.35 x 25 mm |

Usage Conditions

| | |
|-------------------------|-----------------------------------|
| Temperature Coefficient | ± 100 ppm/ $^{\circ}\text{C}$ |
|-------------------------|-----------------------------------|

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 | Hand solderable with lead free solder |

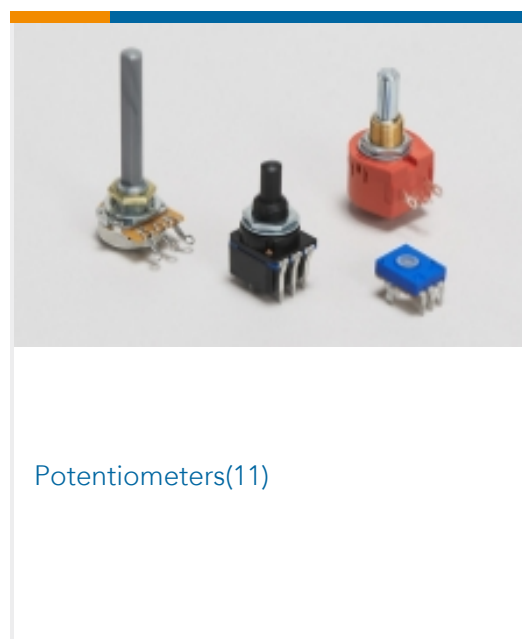
Product Compliance Disclaimer

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



Also in the Series | **Citec TW**



Documents

Product Drawings
TW 1W 1K 6.35X25PL

English

CAD Files
3D PDF
3D
Customer View Model



[ENG_CVM_CVM_1676979-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676979-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1676979-3_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[Wirewound Spindle Operated Potentiometer Type TW Series](#)

English