



Citec

TE Internal #: 1623895-6

TE Internal Description: 416X 2K

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Passive Components > Resistors > Trimmer Potentiometers



Termination Method to Printed Circuit Board: **Through Hole - Solder**

Passive Component Lead Type: **Radial-Leaded**

Passive Component Dimensions: **8.1 x 6.8 x 3.5 mm**

Passive Component Tolerance: **.25 %**

Sealing Option: **Semi-Sealed**

**Features**

**Product Type Features**

Sealing Option	Semi-Sealed
Rotary Turn Type	Single Turn
Element Type	Cermet

**Configuration Features**

Number of Turns	1
Adjustment Location	Side
Adjustment Method	Cross Slot

**Electrical Characteristics**

Passive Component Tolerance	.25 %
Resistance Value	2K $\Omega$
Power Rating	.2 W
Resistance Class	1k $\Omega$ – 1M $\Omega$

**Body Features**

Passive Component Lead Type	Radial-Leaded
Product Orientation	Vertical

**Termination Features**

Termination Method to Printed Circuit Board	Through Hole - Solder
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**Dimensions**

Passive Component Dimensions	8.1 x 6.8 x 3.5 mm
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## Usage Conditions

Temperature Coefficient	±250 ppm/°C
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## 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 with Exemptions
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: JUN 2020 (209) 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	Wave solder capable to 240°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





## Documents

### Datasheets & Catalog Pages

[1309350\\_PASSIVE\\_COMPONENT](#)

English

[Type 416 Series Economy Trimmers](#)

English