



Citec

TE Internal #: 1-1623895-3

TE Internal Description: 416X 500K

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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 | Continuous |
| Element Type | Cermet |

Configuration Features

| | |
|---------------------|------------|
| Number of Turns | 1 |
| Adjustment Location | Side |
| Adjustment Method | Cross Slot |

Electrical Characteristics

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|-----------------------------|---------------------------|
| Passive Component Tolerance | .25 % |
| Resistance Value | 500K Ω |
| Power Rating | .2 W |
| Resistance Class | 1k Ω – 1M Ω |

Body Features

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|-----------------------------|---------------|
| Passive Component Lead Type | Radial-Leaded |
| Product Orientation | Vertical |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Dimensions

| | |
|------------------------------|--------------------|
| Passive Component Dimensions | 8.1 x 6.8 x 3.5 mm |
|------------------------------|--------------------|

Usage Conditions

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|-------------------------|-------------|
| Temperature Coefficient | ±250 ppm/°C |
|-------------------------|-------------|

Product Compliance

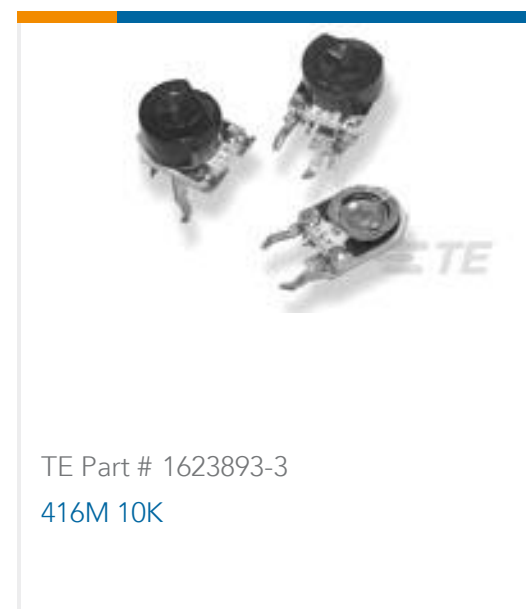
For compliance documentation, visit the product page on [TE.com](#)>

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant 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 | Not Yet Reviewed for halogen content |
| 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





Documents

Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[Type 416 Series Economy Trimmers](#)

English