



Passive Components > Resistors > Potentiometers



Shaft Size: [1 in]

Power Rating: 2 W

Product Terminates To: Printed Circuit Board

Product Mount Type: Panel Mount

Passive Component Dimensions: 12.7 x 19.05 mm

Features

Product Type Features

Rotary Turn Type	Single Turn
Sealing Option	Sealed
Element Type	Cermet

Configuration Features

Number of Turns	1
Sections	Single
Adjustment Location	Top
Adjustment Method	Shaft

Electrical Characteristics

Power Rating	2 W
Passive Component Tolerance	10 %
Resistance Value	470 Ω
Resistance Class	Up to 1kΩ

Body Features

Shaft Style	Plain
Product Orientation	Vertical

Termination Features

Product Terminates To	Printed Circuit Board
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Mechanical Attachment

Product Mount Type	Panel Mount
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Dimensions

	1 in
Passive Component Dimensions	12.7 x 19.05 mm

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°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 # 3-1625931-8
MCU 47R 10% 1"PL

TE Part # 3-1625931-2
MCU 22K 10% 1"PL

TE Part # 3-1625931-1
MCU 10K 10% 1"PL

TE Part # 3-1625931-0
MCU 4K7 10% 1"PL

TE Part # 1-1625931-8
MCU 4K7 10% 5/8"SL

TE Part # 2-1625931-9
MCU 2K2 10% 1"PL

Also in the Series | Citec M

Potentiometers(20)

Customers Also Bought

TE Part #1-282836-0
TERMI-BLOK PCB MOUNT 90 10P.

TE Part #4-1623746-8
ER74 6K8 5% AMMO PK

TE Part #5-1623929-1
CFR200 5% 68R

TE Part #4-1625890-8
2W SM M/OX 5% 3K9

TE Part #1879217-2
CPF 0603 150K 0.1% 25PPM 1K RL

TE Part #1-2176079-3
EP 3W 1K0 5%

TE Part #2-2176306-6
RP 1E 0.1W 2K1 0.1% 25PPM 5K RL

TE Part #8-2176306-4
RP 1E 0.1W 8K45 0.1% 25PPM 5K RL



Documents

Product Drawings

MCU 470R 10% 1"PL

English

CAD Files

Customer View Model

ENG_CVM_2-1625931-7_P00K.3d_igs.zip

English

Customer View Model

ENG_CVM_2-1625931-7_P00K.3d_stp.zip

English

Customer View Model

ENG_CVM_2-1625931-7_P00K.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Spindle Operated Potentiometers - Type M Series - Tyco Electronics Passives

English