



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	47 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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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 # 3-1625931-1
MCU 10K 10% 1"PL



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



TE Part # 2-1625931-5
MCU 100K 10% 1"PL



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



TE Part # 2-1625931-7
MCU 470R 10% 1"PL



TE Part # 2-1625931-4
MCU 470K 10% 1"PL



TE Part # 3-1625931-5
MCU 1M 10% 1"PL



TE Part # 3-1625931-4
MCU 220K 10% 1"PL



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



TE Part # 3-1625931-9
MCU 220R 10% 1"PL



TE Part # 4-1625931-2
MCU 10R 10% 5/8"SL



TE Part # 1625930-7
MC1 10K 10% 25MM PL



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



TE Part # 2-1625931-8
MCU 1K 10% 1"PL



TE Part # 2-1625931-6
MCU 100R 10% 1"PL



TE Part # 3-1625931-3
MCU 47K 10% 1"PL

Also in the Series | Citec M



Potentiometers(20)

Customers Also Bought





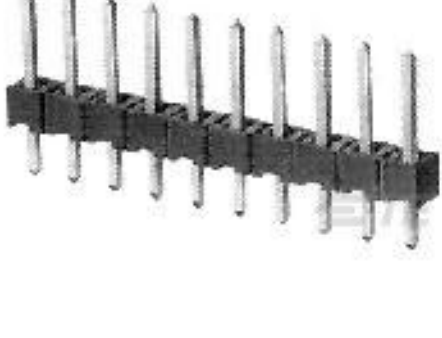
TE Part #BSA078N00550235000
923 PLUG



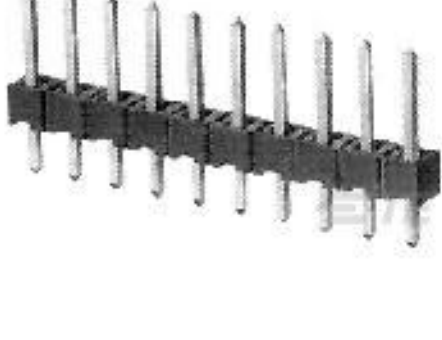
TE Part #5053212042
RNF-100-1/2-4-STK



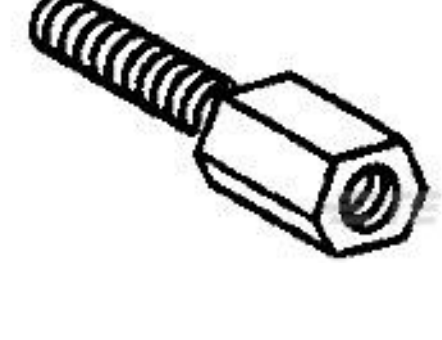
TE Part #815703-SF
RN116-0.5-02-47M



TE Part #825433-6
MOD II SR HDR ASSY 6 POS



TE Part #826936-3
3P AMPMODU II STIFT LEI



TE Part #829261-2
HD.FEMALE SCREWLOCK



TE Part #2-1393225-6
RY612012



TE Part #1-1393243-9
RTE25005



TE Part #1571983-9
GDH06STR04=DIP SWITCH



TE Part #9-1879514-4
CRGH1206 1% 1K0 0.5W

Documents

Product Drawings
MCU 47R 10% 1"PL

English

CAD Files
Customer View Model
ENG_CVM_3-1625931-8_P00K.3d_igs.zip

English

Customer View Model
ENG_CVM_3-1625931-8_P00K.3d_stp.zip

English

Customer View Model
ENG_CVM_3-1625931-8_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

404802692045

47 ohm, Cermet, 10 %, 2 W, Terminates To Printed Circuit Board, Panel Mount, 12.7 x 19.05 mm, Single, Top Adjustment, 1 in Shaft, Vertical, Citec M



1309350_PASSIVE_COMPONENT

English

Spindle Operated Potentiometers - Type M Series - Tyco Electronics Passives

English