

MLP-25 ✓ ACTIVE

MEAS | MEAS MLP

TE Internal #: MLP-25

TE Internal Description: LINEAR POT, MINI, 25MM RANGE

MINIATURE LINEAR POTENTIOMETER

[View on TE.com >](#)



Sensors > Position Sensors > Potentiometer Sensors > Linear Potentiometers > MINIATURE LINEAR POTENTIOMETER



Product Diameter: [.37 in]

Full Stroke Range: 25 mm [1 in]

Resistance Value: 2.5K Ω

Linearity: 1 %

Product Weight: 26 g

[All MINIATURE LINEAR POTENTIOMETER \(7\)](#)

Features

Operation/Application

Vibration Resistance	10G's, 10 – 2000Hz
Operating Speed	400 in/sec

Body Features

Case Material	AL
Product Weight	26 g

Dimensions

Repeatability	.01 mm
	.37 in
Full Stroke Range	25 mm[1 in]

Electrical Characteristics

Resistance Value	2.5K Ω
Input Voltage (Max)	42 VDC
Operating Wiper Current (max)	10 mA

Other

Linearity	1 %
Life Expectancy	25000000 Cycles



EU RoHS Compliance	Compliant
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Usage Conditions

Operating Temperature Range	-30 – 150 °C[-22 – 302 °F]
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Industry Standards

IP Rating	IP67
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Product Type Features

Product Shape	Cylindrical
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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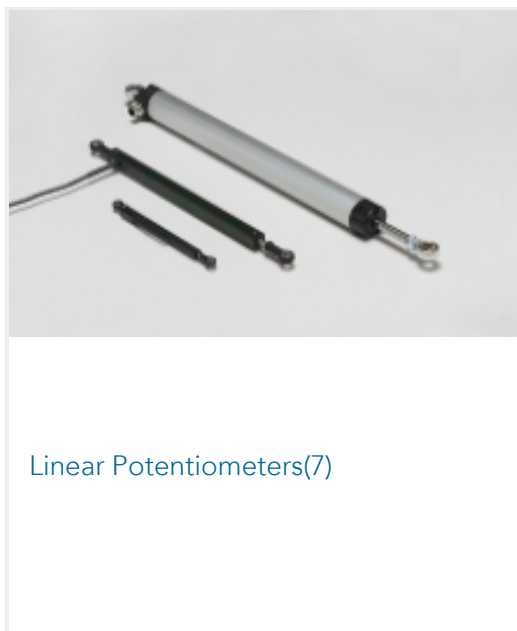
Product Compliance Disclaimer

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 | MEAS MLP



Customers Also Bought





Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_MLP-25_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_MLP-25_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_MLP-25_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

MLP

English