



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

Product Type Features

Product Shape	Cylindrical
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Electrical Characteristics

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

Body Features

Case Material	AL
Product Weight	26 g

Dimensions

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

Usage Conditions

Operating Temperature Range	-30 – 150 °C[-22 – 300 °F]
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Operation/Application

Vibration Resistance	10G's, 10 – 2000Hz
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Operating Speed400 in/sec

Industry Standards

IP Rating	IP67
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Other

Linearity	1 %
Life Expectancy	25000000 Cycles

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	Out of Scope
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 2024 (241) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

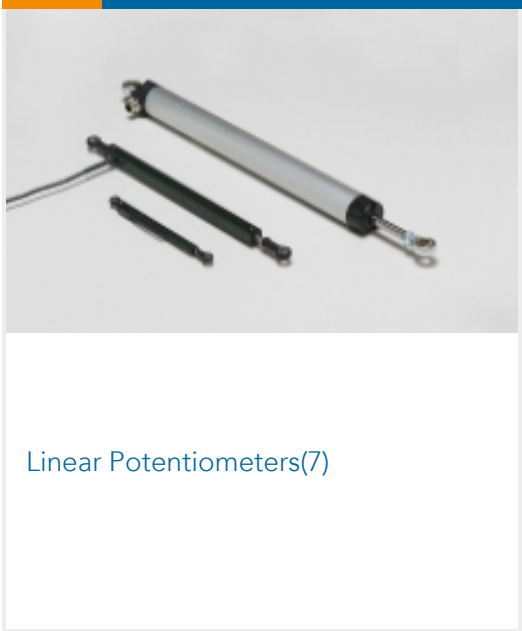
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # MLP-100
LINEAR POT, MINI, 100MM RANGE

Also in the Series | MEAS MLP



Linear Potentiometers(7)

Customers Also Bought



TE Part #6609044-1
3VW1=F7254 S0



TE Part #1658647-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 2,



TE Part #5103308-1
A/L LOW PRO HDR 10P VERT BLACK



TE Part #102387-1
10 MODIV HSG COMP DR .100 POL



TE Part #1546414-4
ETHRNT RJ-45 BLKHD PASSTHRU12"



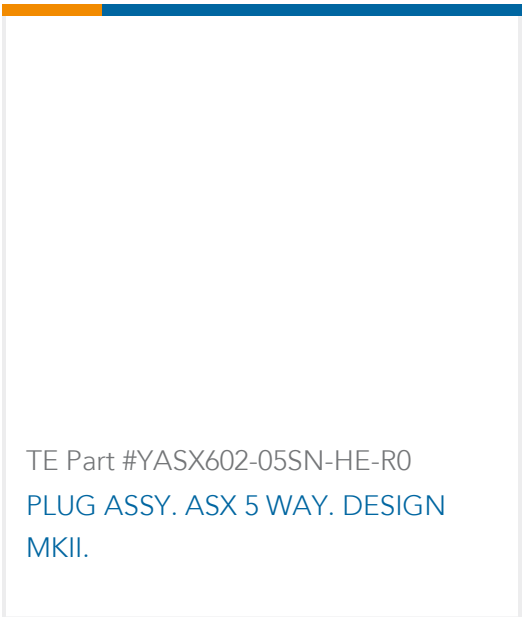
TE Part #1-1393118-3
KUP-14D15-12=KU



TE Part #AS107-98SN
RECEPT. IN LINE TYPE 1 AS MICRO 7



TE Part #AS108-35PN
RECEPT.CABLE COUP.TYPE 1



TE Part #YASX602-05SN-HE-R0
PLUG ASSY. ASX 5 WAY. DESIGN
MKII.



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

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

Datasheets & Catalog Pages

MLP

English