



Sensors > Position Sensors > Potentiometer Sensors > Cable Actuated Position Sensors > SE1 String Pot Incremental Encoder



Position Sensor Product Type: SE1 - Compact String Pot

Full Stroke Range: 635 mm, 1270 mm [50 in]

Output Signal Type: Incremental Encoder

Accuracy: ±.1 % of FS

Repeatability: .02 % of FS

[All SE1 String Pot Incremental Encoder \(2\)](#)

Features

Product Type Features

Position Sensor Product Type	SE1 - Compact String Pot
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Body Features

Case Material	Polycarbonate + Stainless Mounting Bracket
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Dimensions

Full Stroke Range	635 mm, 1270 mm[50 in]
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Usage Conditions

Accuracy	±.1 % of FS
Operating Temperature Range	-10 – 85 °C[14 – 185 °F]

Operation/Application

Resolution	1432 ppm
Output Signal Type	Incremental Encoder

Industry Standards

IP Rating	IP50
Hazardous Area Approval	No

Other

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Repeatability	.02 % of FS
Encoder Drive	No
Measuring Cable	Nylon-Coated Stainless Steel

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: JUL 2021 (219) 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



Also in the Series | MEAS SP



Cable Actuated Position Sensors(24)

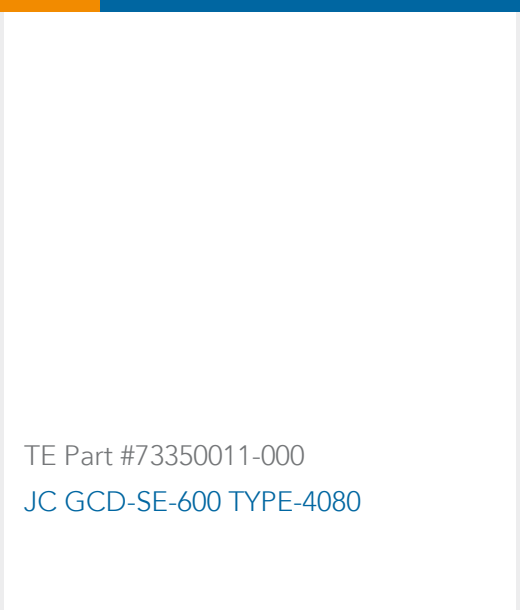
Customers Also Bought



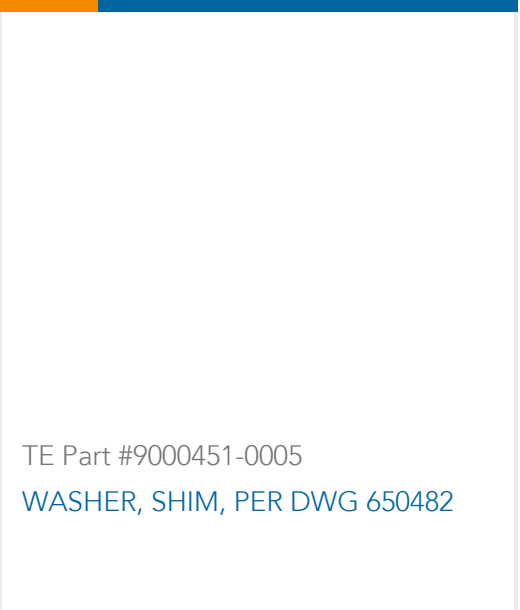
TE Part #SP3-25
STRING POT 25 INCH RANGE



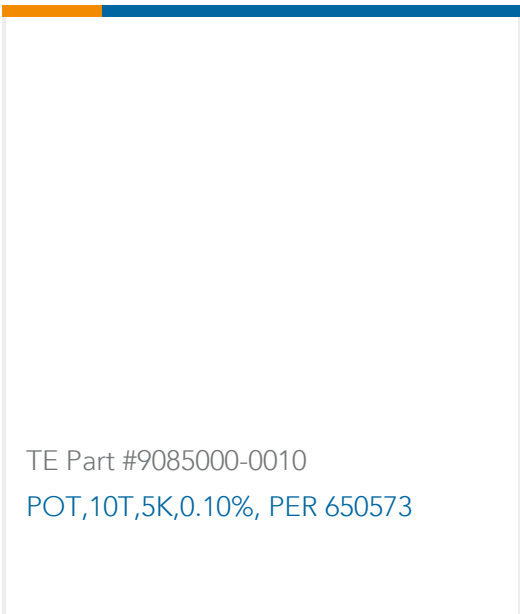
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MSPPM 5 M SMD M1 B A V 137 094 *
E008 J



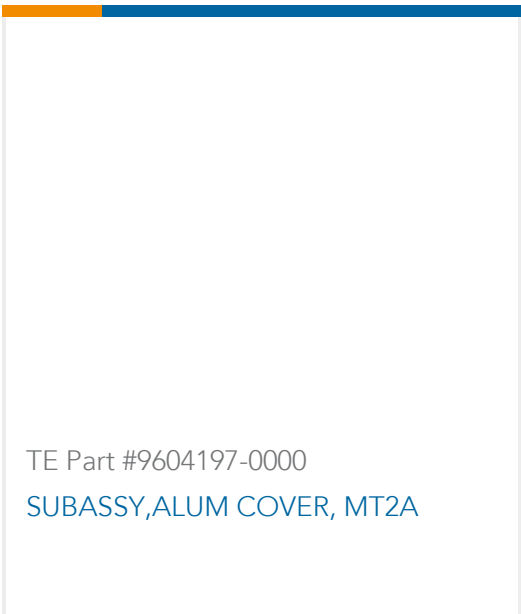
TE Part #73350011-000
JC GCD-SE-600 TYPE-4080



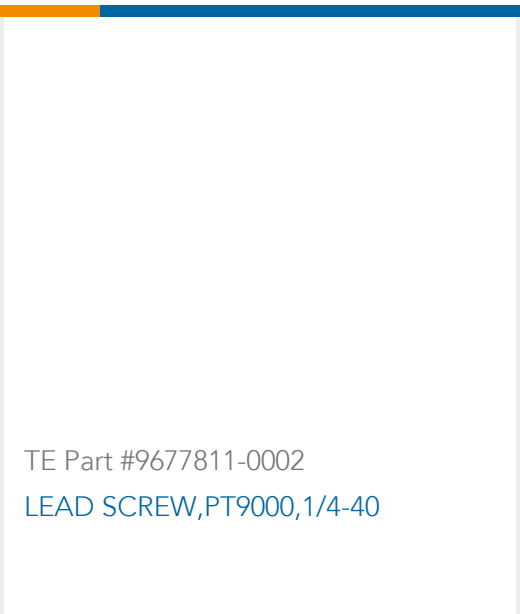
TE Part #9000451-0005
WASHER, SHIM, PER DWG 650482



TE Part #9085000-0010
POT,10T,5K,0.10%, PER 650573



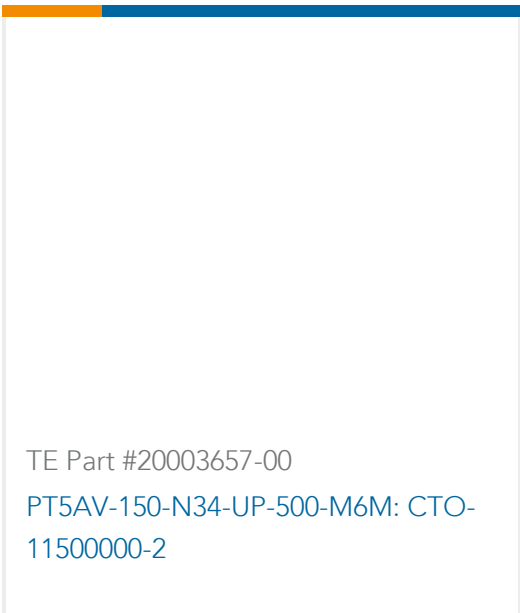
TE Part #9604197-0000
SUBASSY,ALUM COVER, MT2A



TE Part #9677811-0002
LEAD SCREW,PT9000,1/4-40



TE Part #9678173-0000
BRACKET,MOUNTING,ALUM,PT9000



TE Part #20003657-00
PT5AV-150-N34-UP-500-M6M: CTO-
11500000-2



TE Part #04-0994-0256
PT8600-0025-111-F01

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_SE1-50_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_SE1-50_A.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_SE1-50_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SE1](#)

English