



Sensors > Position Sensors > Linear Position Sensors - LVDT/LVIT

Housing Diameter: **4.78 mm [.188 in]**Linearity: **±.25 % of Span**Linear Position Sensor - LVDT/LVIT Housing Material: **Stainless Steel**Linear Position Sensor - LVDT/LVIT Form Factor: **Cylindrical**Linear Position Sensor - LVDT/LVIT Supply Voltage: **±15 V**

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	±15 V
Analog Output	±10 V
Electrical Connections	PT02A-10-6P

Body Features

Linear Position Sensor - LVDT/LVIT Form Factor	Cylindrical
Spring Loaded	Separate Core

Housing Features

Housing Diameter	4.78 mm[.188 in]
Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel

Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]
Environmental Specifications	1,000 PSI Pressure

Industry Standards

IP Rating	IP68
Industry Standards	RoHS

Other

Linearity	±.25 % of Span
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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	Not Yet Reviewed
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: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

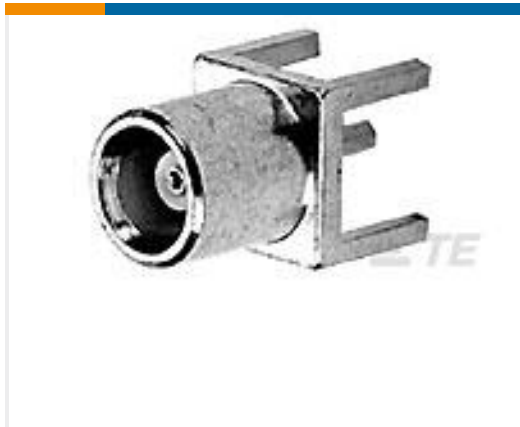


Also in the Series | [MEAS HCD](#)



Linear Position Sensors - LVDT/LVIT(15)

Customers Also Bought



TE Part #1060985-1
5862 5002 10, OSX JACK RECPT



TE Part #02560390-000
LVDT HR 100 ASSY



TE Part #05282946-006
ROD CORE #4-40 6"L



TE Part #02291339-000
POWER SUPPLY PSD 40-15 ASSY



TE Part #02560421-000
LVDT HCA 10000 ASSY



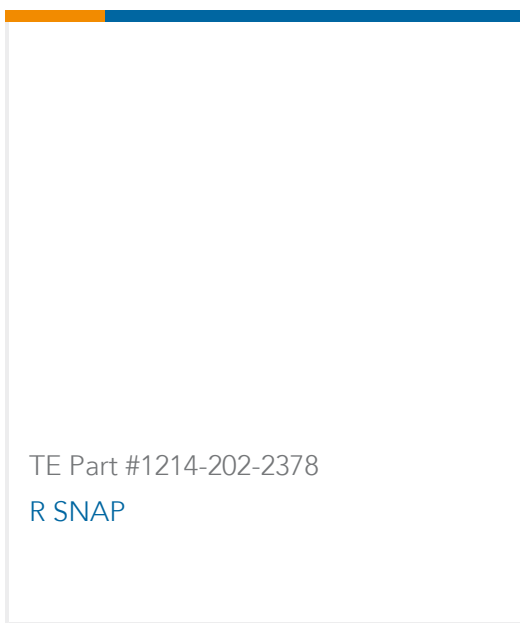
TE Part #04290583-000
HCD/GCD CABLE ASSEMBLY



TE Part #05282946-024
ROD CORE #4-40 24"L



TE Part #ZPF000000000007538
983-0SE 12-12 PN



TE Part #1214-202-2378
R SNAP

Documents

[Datasheets & Catalog Pages](#)

[Hermetically Sealed DC LVDT](#)

English