02560410-000 ✔ ACTIVE

MEAS | MEAS MHR

TE Internal #: 02560410-000

TE Internal Description: LVDT MHR 250 ASSY MINIATURE LIGHTWEIGHT LVDT

View on TE.com >

Sensors > Position Sensors > LVDT/LVIT Sensors > MINIATURE LIGHTWEIGHT LVDT

Housing Diameter: **9.52 mm [.375 in]**

Full Stroke Ranges: **±6.35 mm [±.25 in]**

Linearity: **±.25 % of Span**

Linear Position Sensor - LVDT/LVIT Housing Material: **Stainless Steel**

Linear Position Sensor - LVDT/LVIT Form Factor: **Cylindrical**

All MINIATURE LIGHTWEIGHT LVDT (16)

Features

Electrical Characteristics

Linear Position Sensor - LVDT/LVIT Supply Voltage	3 V
Electrical Connections	Leads

Signal Characteristics

Excitation Frequency	2 – 20 kHz

Body Features

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

Housing Features

Housing Diameter	9.52 mm[.375 in]
Linear Position Sensor - LVDT/LVIT Housing Material	Stainless Steel

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Industry Standards

IP Rating	IP61
Industry Standards	RoHS

Other

Full Stroke Ranges	±6.35 mm[±.25 in]
Linearity	±.25 % of Span

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	Compliant
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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

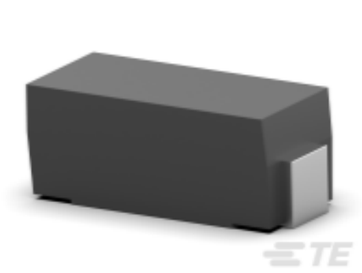
TE Part # CAT-LVDT0021
MINIATURE LIGHTWEIGHT LVDT

Also in the Series | MEAS MHR

LVDT/LVIT Sensors(36)

Customers Also Bought

TE Part #1462052-6
HF6 56=50OHM140MW12V MONO



TE Part #2176460-8
SMF 7W 2K2 5% Taped

TE Part #2-1419108-9
RTD14012F

TE Part #2-34162-1
TERMINAL,PG R 16-14 1/4

TE Part #34164
TERMINAL,PG R 16-14 3/8

TE Part #7580142002
DWP-125-3/8-0-STK

TE Part #2-1609113-6
15CUFE1=F8297

TE Part #YDTS24F15-18SAV001
RECP ASSY

TE Part #YDTS24F15-19SAV001
RECP ASSY

TE Part #YDTS26F21-11PAV001
PLUG ASSY

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_02560410-000_R.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_02560410-000_R.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_02560410-000_R.2d_dxf.zip

English

Datasheets & Catalog Pages

Miniature General Purpose AC LVDT

English