



Sensors > Position Sensors > Magnetic Sensors > High Resolution AMR Sensors for Harsh Environments



Position Sensor Product Type: **Magnetic Linear Position Sensor**

Sensor Package: **DFN2x6**

Sensing Range: **5 mm**

Typical Signal Amplitude: **11 mV/V**

Typical Operating Voltage: **5 V**

[All High Resolution AMR Sensors for Harsh Environments \(6\)](#)

Features

Product Type Features

Position Sensor Product Type	Magnetic Linear Position Sensor
Sensor Package	DFN2x6

Electrical Characteristics

Typical Operating Voltage	5 V
Typical Average Current	3 mA

Usage Conditions

Sensing Range	5 mm
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Typical Signal Amplitude	11 mV/V
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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	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: JAN 2025
(247)

Candidate List Declared Against: JUN 2020
(209)

Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

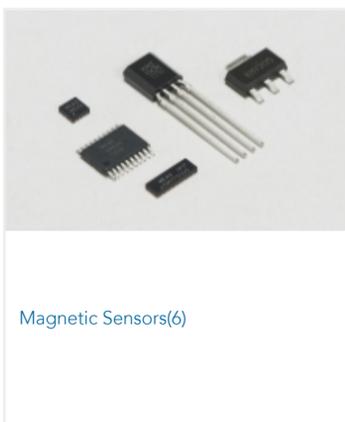
Product Compliance Disclaimer

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 KMXP



Customers Also Bought



TE Part #1658527-6
622-1630LF FEM SOCKET, LEAD FREE



TE Part #6-2176230-2
3522 100K 5% 3W



TE Part #2041411-1
RJ45 w/ LED, Tab Up, Offset, DIP, H=9.45



TE Part #2176232-2
3522 150K 1% 3W



TE Part #1676322-2
RN 0805 3K01 0.1% 10PPM 1KRL



TE Part #1623729-8
BCHE 17 W 1K5 5%



TE Part #1-305183-2
EXTRACT TOOL MATE-N-LOK SKT



TE Part #1879217-5
CPF 0603 200K 0.1% 25PPM 1K RL



TE Part #G-MRCO-052
5MM PITCH AMR POSITION SENSOR
KMXP

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_G-MRCO-057_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_G-MRCO-057_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_G-MRCO-057_1.3d_stp.zip](#)

English

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