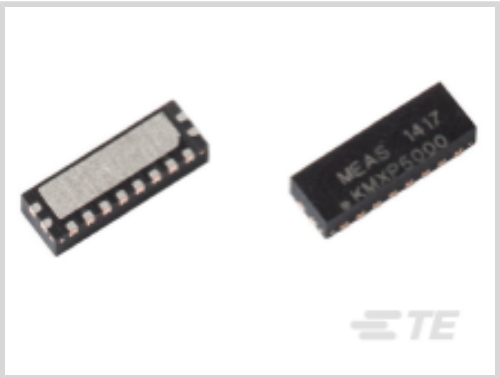




Sensors > Position Sensors > Magnetic Sensors > High Resolution AMR Sensors for Harsh Environments



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

Sensor Package: **DFN2x6**

Sensing Range: **1 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 | 1.5 mA |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Sensing Range | 1 mm |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

Operation/Application

| | |
|--------------------------|---------|
| Typical Signal Amplitude | 11 mV/V |
|--------------------------|---------|

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>

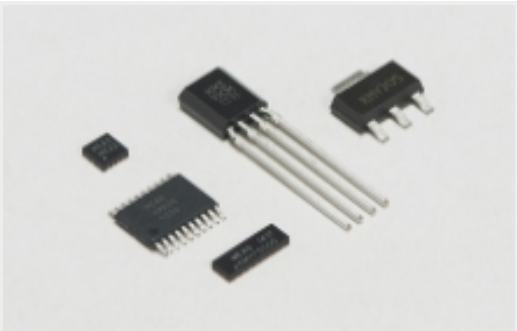
Compatible Parts



TE Part # CAT-MRS0006

High Resolution AMR Sensors for Harsh Environments

Also in the Series | MEAS KMXP



Magnetic Sensors(6)

Customers Also Bought



TE Part #1-215297-0
10P HV100 REC CON. TE, 7.0MM

TE Part #964201-1
STD TIMER CONTACT

TE Part #G-MRCO-051
1MM PITCH AMR POSITION SENSOR
KMXP

TE Part #CONSMA016-15-G
SMA Jack 50 Ohm Panel Mount

TE Part #1-825437-0
MOD 2 PINHDR 1X10P.

TE Part #167301-4
MOD-4 REC.CONT.SCP

TE Part #CONSMA019-G
SMA Jack 50 Ohm Panel Mount

TE Part #1625890-6
2W SM M/OX 5% 10R

TE Part #233230-E
STVH11 11 M B V 3-00 LA * B047 199 E
016

TE Part #EG1913-000
202D253-4-88-0-CS2542

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_G-MRCO-055_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_G-MRCO-055_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_G-MRCO-055_1.3d_stp.zip

English

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