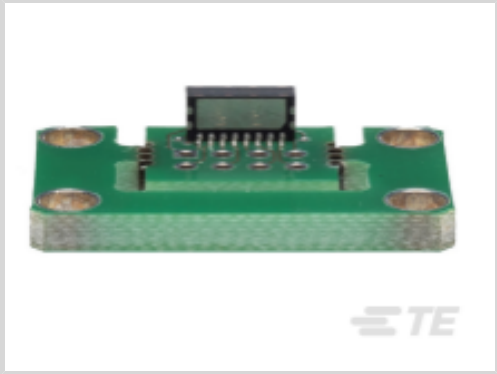




Sensors > Position Sensors > Magnetic Sensors > AMR Position Sensors



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

Sensor Package: **DFN2x6**

Sensing Range: **2 mm**

Output Signal Type: **Passive Analog**

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

[All AMR Position Sensors \(6\)](#)

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               | 2 mm                       |
| Operating Temperature Range | -40 - 150 °C[-40 - 302 °F] |

Operation/Application

|                          |                |
|--------------------------|----------------|
| Output Signal Type       | Passive Analog |
| 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 2024 (240)<br>Candidate List Declared Against: JUN 2020 (209)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                          |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                    |

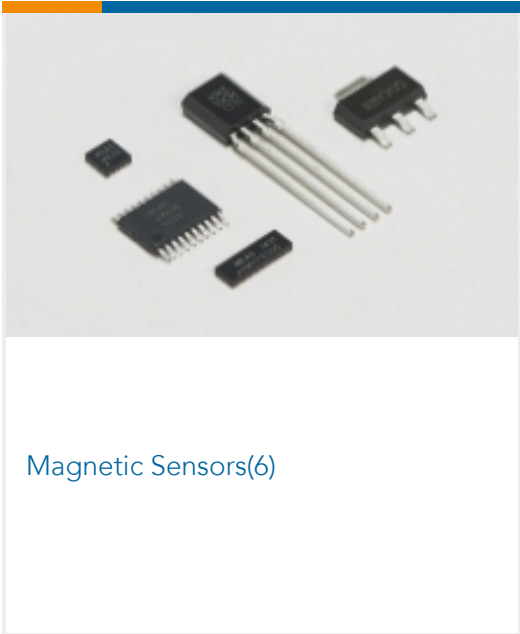
Product Compliance Disclaimer

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

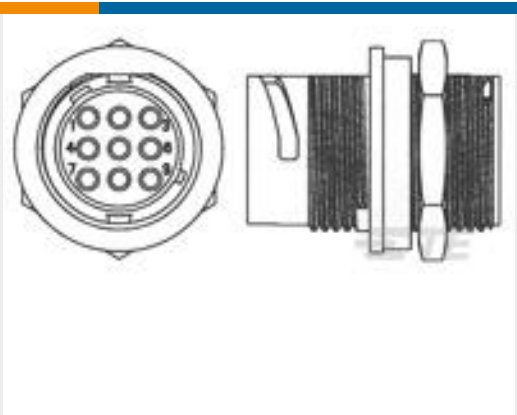


Also in the Series | MEAS KMXP-SERIES



Customers Also Bought





TE Part # 1445816-1  
RECPT,11-9,FLNG MT,STD KEY



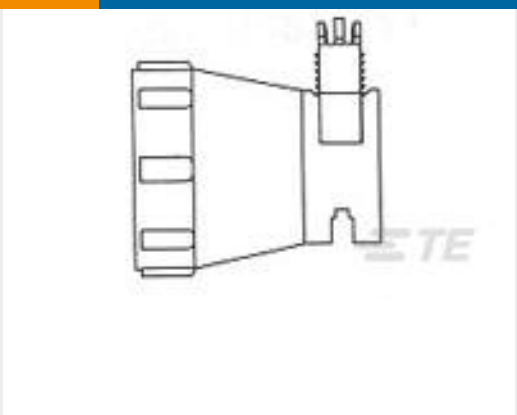
TE Part # 2-1437012-4  
609-006-1=HDW IDC JACKSOCKET A



TE Part # 35668  
TERMINAL,SOLIS R 4 1/2



TE Part # 1-770985-0  
MINI UMNL PIN 26-22AWG AU LP



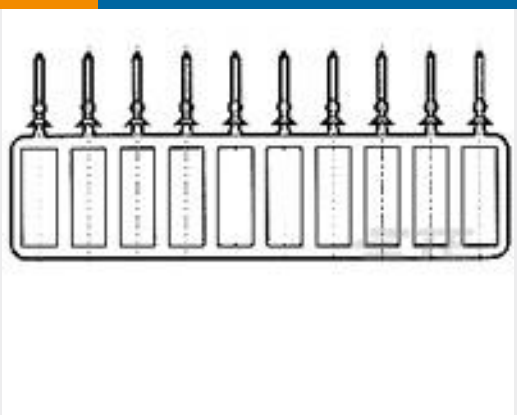
TE Part # 1445856-1  
STR RELIEF ASY,STRAIGHT SZ 11



TE Part # 1-1571983-1  
GDH08STR04=DIP SWITCH



TE Part # 172161-1  
9 CIR UNIV M-N-L CAP



TE Part # 641623-1  
MTA156 KEYING PLUG (10/STRIP)



TE Part # 114711-E  
MICROS STV 6 407 188 \* 0007 J 3  
114711 M



TE Part # 394811-E  
M12 FEMALE, X CODE, 8P, 17MM  
SMT, CAT6A

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_G-MRCO-056\_1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_G-MRCO-056\_1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_G-MRCO-056\_1.3d\_stp.zip

English

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

Datasheets & Catalog Pages

KMXP Series Data Sheet

English