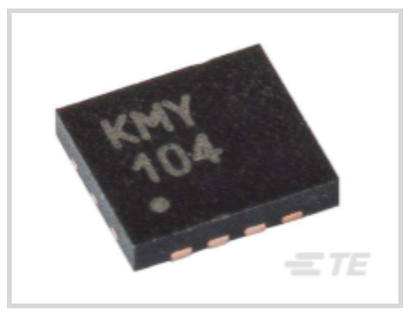
G-MRCO-047 ✔ ACTIVE

TE Internal #: G-MRCO-047

TE Internal Description: KMY104 UDFN ROHS

View on TE.com >

Sensors > Position Sensors > Magnetic Sensors



Position Sensor Product Type: **Magnetic Low Field Sensor**

Sensor Package: **UDFN2.5x2.8**

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

Typical Operating Voltage: **5 V**

Operating Temperature Range: **-40 – 125 °C [-40 – 257 °F]**

Features

Product Type Features

Position Sensor Product Type	Magnetic Low Field Sensor
Sensor Package	UDFN2.5x2.8

Electrical Characteristics

Typical Operating Voltage	5 V
Typical Average Current	2.5 mA

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °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	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2017 (173) SVHC > Threshold:

	Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # G-MRCO-043
KMY09 UDFN VB LINEARFIELD 3MM

Documents

Product Drawings

KMY104 UDFN ROHS

English

CAD Files

Customer View Model

ENG_CVM_CVM_G-MRCO-047_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_G-MRCO-047_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_G-MRCO-047_A.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

KMY104 Data sheet

English