

AXISENSE-2-021

✕ OBSOLETE

MEAS | MEAS AXISENSE-2

TE Internal #: G-NSDOG2-021

TE Internal Description: AXISENSE-2 USB-90 TILT SENSOR

AXISENSE-2 USB-90 TILT SENSOR

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Sensors > Position Sensors > Tilt Sensors & Inclinometers > AXISENSE-2 USB-90 TILT SENSOR



Measurement Principle: **MEMS**

Sensor Package: **Plastic Housing**

Measurement Axes: **Dual Axis**

Measurement Ranges: **up to +/- 90 °**

Housing Width: **Up to 70 mm**

Features

Product Type Features

Sensor Package	Plastic Housing
Interface Signal Type	Digital

Configuration Features

Electrical Connection	Connector USB
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Electrical Characteristics

Supply Voltage	5 VDC
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Body Features

Product Orientation	Horizontal
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Dimensions

Resolution	up to +/- .01 °
Measurement Ranges	up to +/- 90 °
Housing Width	Up to 70 mm
Accuracy	up to +/- .5 °

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Measurement Principle	MEMS

Operation/Application

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Output Interface	RS232
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Industry Standards

IP Rating	IP67
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Other

Measurement Axes	Dual Axis
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2023 (233) 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>

Also in the Series | [MEAS AXISENSE-2](#)



Tilt Sensors & Inclinometers(5)

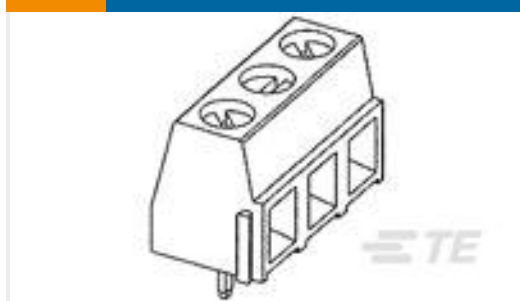
Customers Also Bought



TE Part #7-188275-8  
MICRO-MATCH SMD FTE



TE Part #1-173977-4  
CT CONN MT REC ASSY 14P



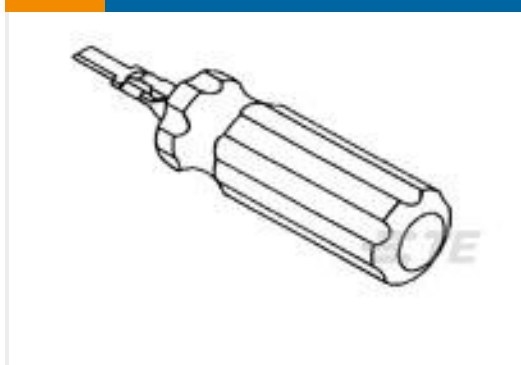
TE Part #282837-2  
TERMI-BLOK PCB MOUNT 2P



TE Part #1551920-2  
zQSFP+ connector assembly



TE Part #TAA546B1411-020  
M12A4-MS-FR-PVC-2.0M



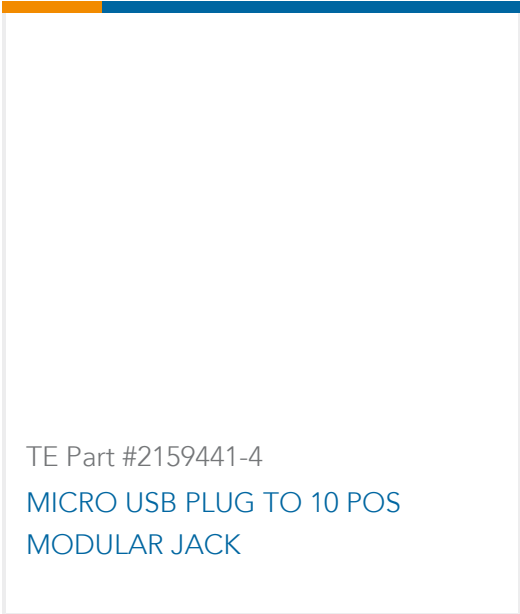
TE Part #843996-3  
TOOL, EXTRACTION RESET



TE Part #US331-000005-015PG  
PRESS XDCR US331-000005-015PG



TE Part #1-1997963-1  
DC POWER CABLE WCDMA



TE Part #2159441-4  
MICRO USB PLUG TO 10 POS  
MODULAR JACK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_G-NSDOG2-021\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_G-NSDOG2-021\_A.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_G-NSDOG2-021\\_A.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English