



Sensors > Force Sensors > COMPRESSION LOAD CELL - 100MV



Force Sensor Type: OEM Compression Load Cells

Force Direction: Compression

Full Scale Range: 100 lbf

Operating Temperature Range: 0 – 50 °C [32 – 122 °F]

Supply Voltage Range: 5 VDC

[All COMPRESSION LOAD CELL - 100MV \(5\)](#)

Features

Product Type Features

Force Sensor Type	OEM Compression Load Cells
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Electrical Characteristics

Full Scale Range	100 lbf
Supply Voltage Range	5 VDC

Usage Conditions

Operating Temperature Range	0 – 50 °C[32 – 122 °F]
Accuracy	±1 % of FS

Other

Force Direction	Compression
Zero Shift in CTR	±.05 %FS/°C
Sensitivity Shift	±.05 %FS/°C

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 with Exemptions



China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Tetraglyme (2% in Component Part) Pb (18% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

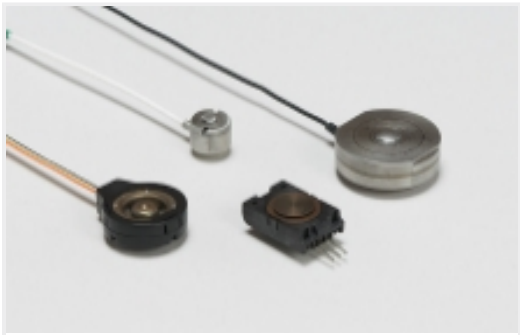
Product Compliance Disclaimer

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 FX1901



Force Sensors(5)

Customers Also Bought



TE Part #484085-E
SRCA 1,27 12 F 1-KS IDC22 137 E1 094 1,2



TE Part #1-66740-1
TYPE XII FEMALE CONT (STRIP)



TE Part #206227-2
CPC RECPT ASSEMBLY SIZE 23-7



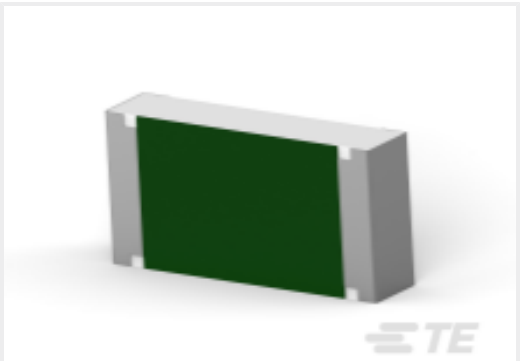
TE Part #1-1337477-0
SMB Str Jk Hex 50Ohm Gold Pltd RG174A/U,



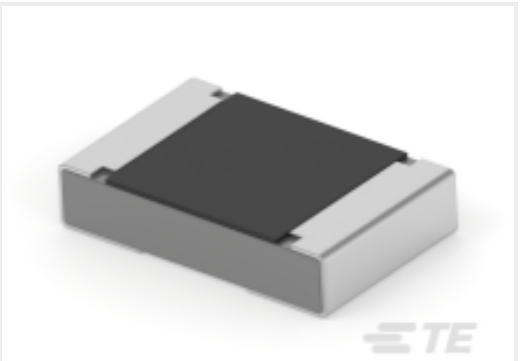
TE Part #2-1416010-6
RE034012



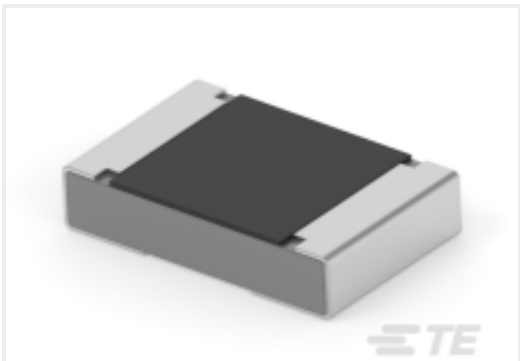
TE Part #1624112-8
3650 0603 68nH 5% 2K RL



TE Part #3-2176398-1
3502 240K 1%



TE Part #7-2176482-5
RA73F 2A 301R 0.1% 5K RL



TE Part #7-2176482-9
RA73F 2A 332R 0.1% 5K RL



TE Part #2-2349177-2
DIA 4MM, PIN TERMINAL, FAM SLD, CB

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_FX1901-0001-0100-L_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_FX1901-0001-0100-L_G.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_FX1901-0001-0100-L_G.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[FX19](#)

English