



Sensors > Force Sensors > COMPRESSION LOAD CELL - 100MV



Force Sensor Type: OEM Compression Load Cells

Force Direction: Compression

Full Scale Range: 50 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	50 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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

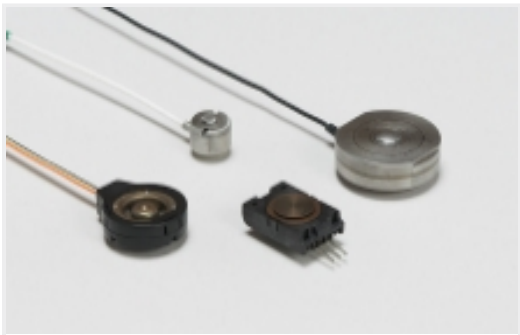
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # CAT-FSE0005
COMPRESSION LOAD CELL - 100MV

Also in the Series | MEAS FX1901



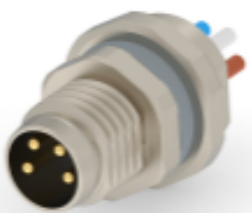
Force Sensors(5)

Customers Also Bought





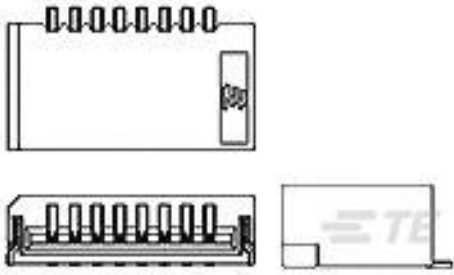
TE Part #FC2331-0000-0650-L
FC23 AMPLIFIED 2FT CABLE 650L



TE Part #T4070014041-001
M8.MLE.PNLREAR.4POS.STR WIRE



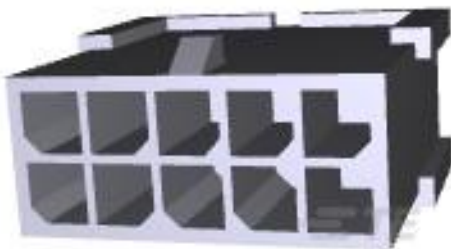
TE Part #TAA546B1411-002
M12A4-MS-FR-PVC-1.0M



TE Part #2-84981-0
1MM FFC SMT H ASSY 20P EMBOSS



TE Part #770672-1
UMNL PIN 30-26 PTPBR L/P



TE Part #1-794616-0
FREE HANG DBL ROW HSG 10 POS



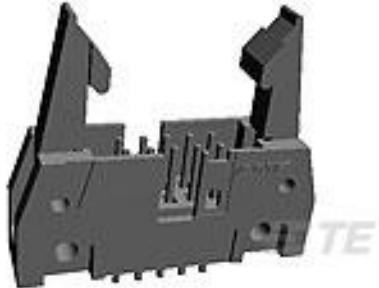
TE Part #1-1718290-1
CLIP SPRING



TE Part #7-2176430-1
MPT35 1K8 1%



TE Part #5146800-1
BATT INT,KEYLESS,5P,7.2V



TE Part #5499922-6
A/L UNIV HDR 26P VERT LAT

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_FX1901-0001-0050-L_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_FX1901-0001-0050-L_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_FX1901-0001-0050-L_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

FX19

English