

154CV-100A-R

✓ ACTIVE

MEAS | MEAS 154

TE Internal #: 154CV-100A-R

TE Internal Description: 100 PSIA RIBBON CABLE MV PRESSURE
SENSOR

19MM MV OUTPUT PRESSURE SENSOR

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Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 19MM MV OUTPUT PRESSURE SENSOR



Pressure Sensor Type: **mV Output Pressure Sensors**

Pressure Type: **Absolute**

Supply Voltage Range: **10 V**

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

Sensor Package: **O-Ring Mount**

[All 19MM MV OUTPUT PRESSURE SENSOR \(18\)](#)

Features

Product Type Features

Pressure Sensor Type	mV Output Pressure Sensors
Pressure Type	Absolute
Sensor Package	O-Ring Mount

Configuration Features

Electrical Connection	Ribbon Cable
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Electrical Characteristics

Supply Voltage Range	10 V
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Dimensions

Product Diameter	18.97 mm[.746 in]
Product Height	13.8 mm[.54 in]

Usage Conditions

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

Sensor Options	No Tube
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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	Out of Scope
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Tetraglyme (2% in Component Part) Methanone, (diphenylphosphinyl)(2,4,6-trimethylphenyl)- (1% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 # 154CV-005G-R
5 PSIG RIBBON CABLE MV PRESSURE SENSOR



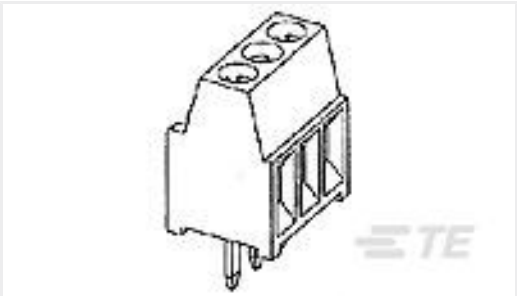
TE Part # 154N-100A-R
100 PSIA RIBBON CABLE MV PRESSURE SENSOR

Also in the Series | MEAS 154



Media Isolated Pressure Sensors(74)

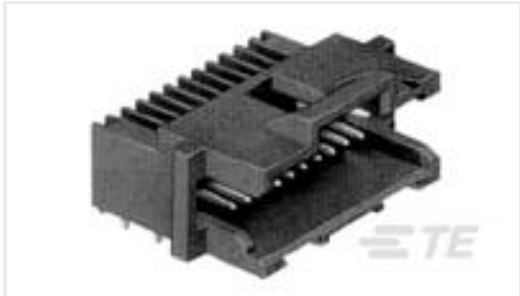
Customers Also Bought



TE Part #282834-9
TERMI-BLOK PCB MOUNT, 90 9P.



TE Part #1676353-2
RN 0805 49K9 0.1% 10PPM 1KRL



TE Part #5-104069-1
20 sys 50 hdr drdra shrd sn



TE Part #5-104074-3
15 SYSTEM 50 HDR SRRA SHRD SN



TE Part #2-2176378-8
RQ 0805 19R1 0.1% 10PPM 5K RL



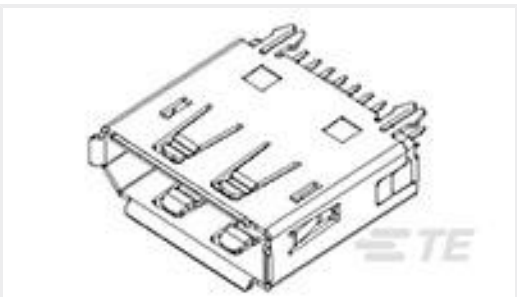
TE Part #5-104069-5
30 sys 50 hdr drdra shrd sn



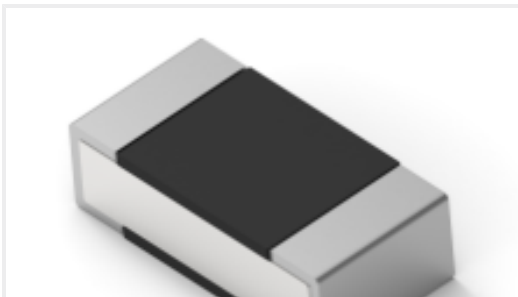
TE Part #7-2176378-3
RQ 0805 56R2 0.1% 10PPM 5K RL



TE Part #3-1734592-1
FPC CONN. 0.5MM PITCH B/C, 31P



TE Part #2041441-2
DP 20P V/T DIP 15u" Au, 2.5 tails



TE Part #3-2176312-9
RP 1E 0.1W 30K9 0.1% 25PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_154CV-100A-R_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_154CV-100A-R_B.3d_igs.zip



English

Customer View Model
[ENG_CVM_CVM_154CV-100A-R_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages
[154NCV](#)

English