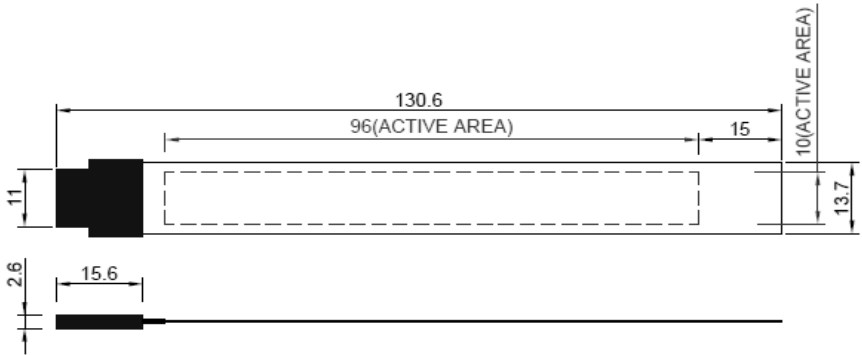


Application

- ✓ Wearable devices, motion-monitoring systems.

Feature

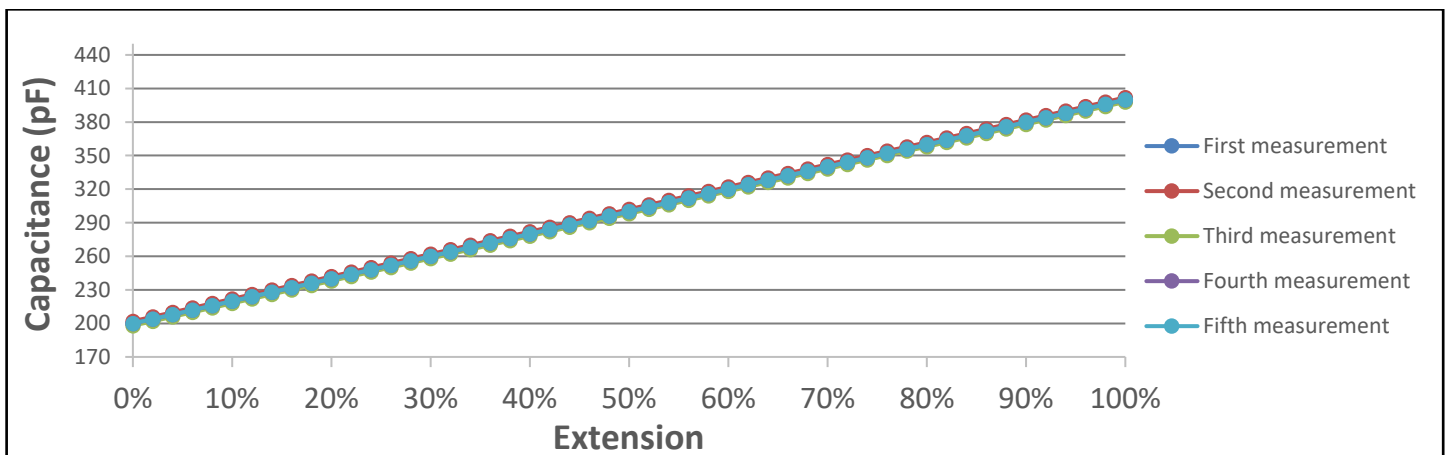
- ✓ Flexible, stretchable and long life, provides real-time when it is extended or stretched around 3D objects.

Order Code	Outline Drawing
EC100-N-421-A01	

SPECIFICATION

MODEL	EC100-N-421-A01
STRETCHABLE RANGE	0 ~ 100%
ACTIVE SENSING ZONE	96mm * 10mm
CAPACITANCE (UN-STRETCHED)	160pf ~ 240pf
OPERATION TEMPERATURE	10°C ~ 50°C
LIFE CYCLE (STRETCH PERCENTAGE 50%)	500,000 cycles

EXTENSION-CAPACITANCE MEASUREMENT



Extension (%) = Extended Sensor length / Original Sensor length * 100%

Repeatability: $\leq \pm 1\%$

Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.