# Membrane Force Sensor



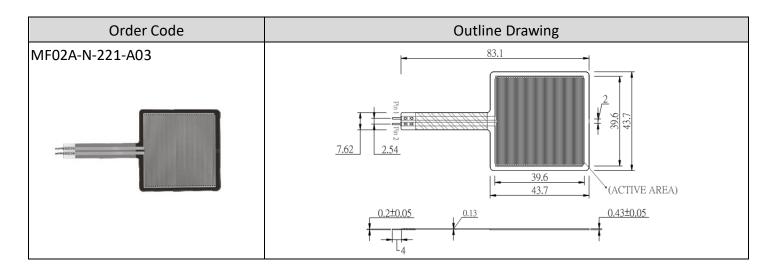
### 39.6mm Square Active Area

## **Application**

✓ Fitness, Medical, Industrial and many others

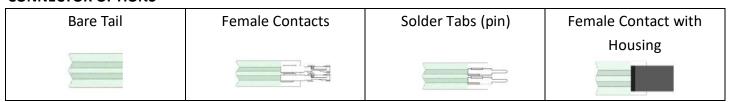
#### **Feature**

✓ Ultra-thin, with better performance at high temperature, humidity and repeatability.



INSPECTION ITEM	SPECIFICATION
FORCE SENSITIVITY RANGE	100g~5000g (0.98N~49N)
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ
FORCE REPEATABILITY (SINGLE PART)	2%
FORCE REPEATABILITY (PART TO PART)	10% (Single batch)
RESPONSE TIME	<1ms
LONG TERM DRIFT	<10% log10(time)
LIFE CYCLE (WITHOUT FAILURE)	>5 Million
OPERATING TEMPERATURE	-30°C to +85°C
HIGH HUMIDITY STORAGE	+70°C, 85%RH x 96hrs
HIGH TEMPERATURE STORAGE	+85°C x 120hrs
LOW TEMPERATURE STORAGE	-30°C x 120hrs

#### **CONNECTOR OPTIONS**



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.

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