# Membrane Force Sensor



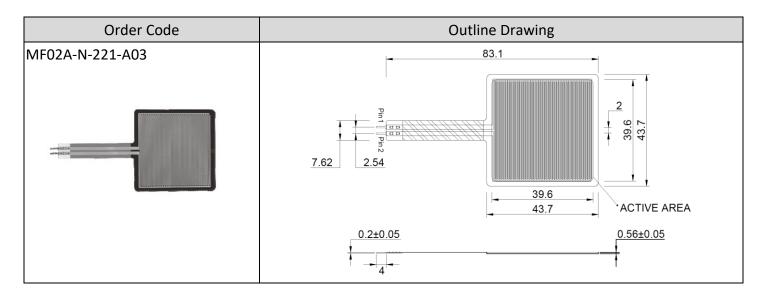
## 39.6mm Square Active Area

## **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)	>10 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**

Bare Tail	Female Contacts	Solder Tabs (pin)	Female Contact with
			Housing

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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