# Membrane Force Sensor



### 14.7mm Circle Active Area

## **Application**

✓ Fitness, Medical, Industrial and many others

#### **Feature**

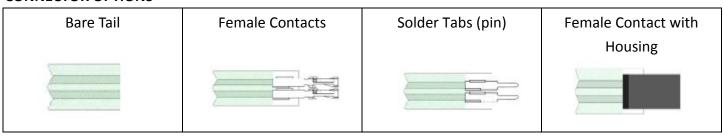
✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive

Order Code	Outline Drawing
MF01-N-221-A05	56.3  \$\phi_{14.7} \ \text{AREA} \\ \text{ACTIVE AREA} \\ \text{ACTIVE AREA} \\ \text{O05950} \\ \text{50.0750.0} \\ \text{V0.07950} \\ V0.0

#### **SPECIFICATION**

MODEL	MF01-N-221-A05
FORCE SENSITIVITY RANGE	100g~10,000g(1N~98N)
ACTIVE AREA	arphi 14.7mm
FORCE REPEATABILITY (SINGLE PART)	±5%
FORCE REPEATABILITY (PART TO PART)	±20%
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20M Ω
RESPONSE TIME	<1ms
OPERATING TEMPERATURE	-20°C to +70°C
LIFE CYCLE (WITHOUT FAILURE)	>1 Million

#### **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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