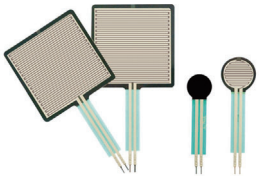
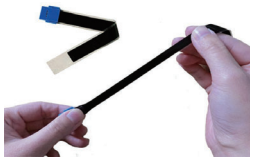
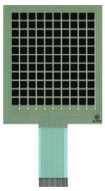


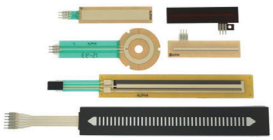
Membrane force sensor
- Ultra-thin and flexible, with better performance at high temperature, humidity and repeatability
- Fitness, medical, industrial and many other applications



Stretch sensor
- Flexible and stretchable, provides real-time when it is extended or stretched around 3D objects
- Applications: wearable devices, motion-monitoring systems

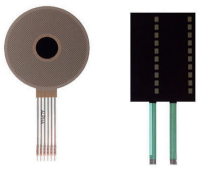


Pressure sensor array
- Provides multi-touch function with position (X-Y) and force (Z) detection
- Pressure distribution applications such as body and foot pressure mapping system, balance training and rehabilitation, and inventory management



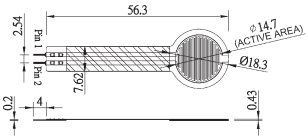
Membrane position sensor
- Slim and flexible
- IoT and logistics, industrial and many other applications

Bending detection sensor
- Thinner thickness, unaffected by pressure
- High-resolution and durable
- One-way bending detection, and can detect which side is bent
- Rehabilitation, gaming and many applications



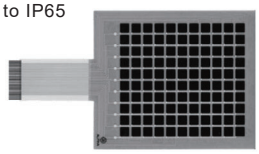
Membrane force & position sensor
- Ultra-thin, flexible and sealed properties, velocity-sensitive
- Rotary position sensor with center force detection function
- Fitness, medical, industrial and many other applications

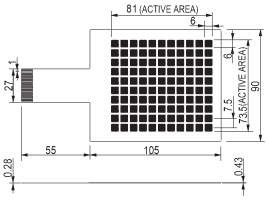
P689400
Membrane force sensor



Force sensitivity range	30g~1000g (0.3N~9.8N)
Stand-off resistance	>20MΩ (unloaded)
Response time	<1ms
Life cycle (without failure)	>10 million
Operating temperature	-30°C to +85°C

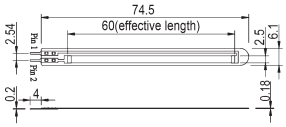
P689410
Pressure sensor array
can reach to IP65





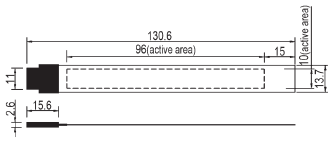
Force sensitivity range	50g~5000g (0.5N~49N)
Stand-off resistance	>20MΩ (unloaded)
Response time	<1ms
Life cycle (without failure)	>1 million
Operating temperature	-30°C to +85°C

P689415
Bending detection sensor



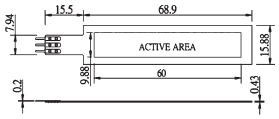
Angle range	0°~180°
Resolution	1°
Power rating	0.5W Max. @25°C
Response time	<1ms
Life cycle	>1 million
Operating temperature	-30°C to +80°C

P689420
Stretch sensor



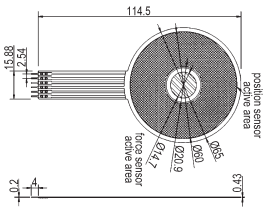
Stretchable range	0~100%
Active sensing zone	96 x 10 mm
Capacitance(un-stretched)	160pf~240pf
Operating temperature	10°C to 50°C

P689425
Membrane position sensor
can reach to IP65



Position linarity	±3% (independent)
Resistance tolerance	±20%
Power rating	1W Max. @25°C
Life cycle (without failure)	>0.5 million
Operating temperature	-20°C to +70°C

P689430
Membrane force & position sensor
can reach to IP65



Force sensitivity range	30g~1000g (0.3N~9.8N)
Stand-off resistance	>20MΩ (unloaded)
Position linearity	±3% (independent)
Power rating	1W Max. @25°C
Response time	<1ms
Life cycle	>0.5 million
Operating temperature	-20°C to +70°C