

Membrane Force Sensor

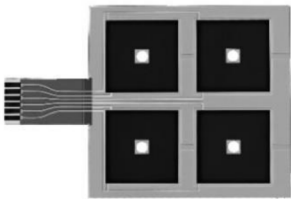
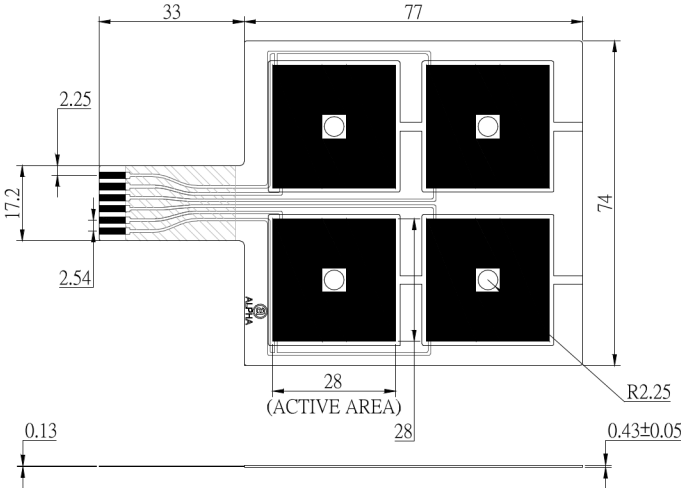
28mm Square Active Area*4

Application

✓ Fitness, Medical, Industrial and many others

Feature

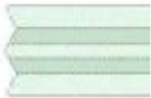
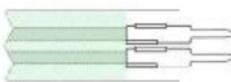
✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive

Foto	Outline Drawing
	

SPECIFICATION

FORCE SENSITIVITY RANGE	50g~1000g (0.5N~9.8N)
FORCE RESOLUTION	Continuous(Analog)
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ
FORCE REPEATABILITY (SINGLE PART)	0.02
FORCE REPEATABILITY (PART TO PART)	0.1
RESPONSE TIME	<1ms
LIFE CYCLE (WITHOUT FAILURE)	>1 Million
OPERATING TEMPERATURE	-30°C to +85°C
ACTIVE AREA	28mm x 28mm

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.