Membrane Force Sensor



10.2mm Circle Active Area

Application

✓ Fitness, Medical, Industrial and many others

Feature

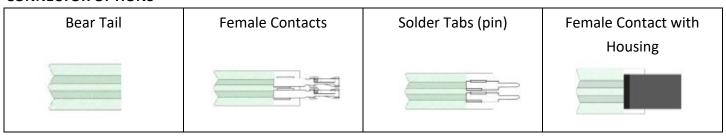
✓ Ultra-thin, Flexible and sealed properties, Velocity-sensitive

Order Code	Outline Drawing
MF01-N-221-A04	47.2 47.2 Pin 1 Pin 2 Pin 2 47.2 50.045.0

SPECIFICATION

MODEL	MF01-N-221-A04	
FORCE SENSITIVITY RANGE	10g~1000g (0.1N~9.8N)	
ACTIVE AREA	arphi 10.2mm	
FORCE REPEATABILITY (SINGLE PART)	±5%	
FORCE REPEATABILITY (PART TO PART)	±20%	
FORCE RESOLUTION	Continuous(Analog)	
STAND-OFF RESISTANCE (UNLOADED)	>20MΩ	
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.

Contact: sales@taiwanalpha.com