

The R-Series Specifications

Device Characteristics:

Feature	Typical performance	Notes
Actuation force *1	0.05 Kilo-grams	Force range is 1 Kilo-grams
Force sensitivity range *1	0.05- 1 Kilo-grams	
Force resolution	Continuous	Analog output
Force repeatability	10%	Part to part
Non- actuated resistance	>1 Mega Ohms	
Substrate	Poly	Thickness is 0.05mm typical
Thickness	0.15 mm	
Stand-off resistance	>1 Mega ohms	Unloaded, unbent
Device rise time	<5 Microseconds	
Hysteresis	+10%	
Long term drift	<5% per Log10(time)	
Number of actuation(life time)	1 Million tested	Without failure
Operating temperature	-40°C~60°C	
Relative humidity	5%~90%	
Parasitic capacitance	30Pf one sensel	Variable