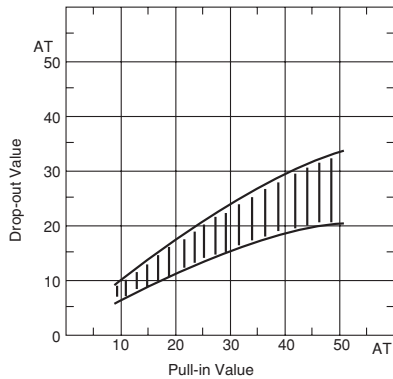


■ ELECTRICAL CHARACTERISTICS

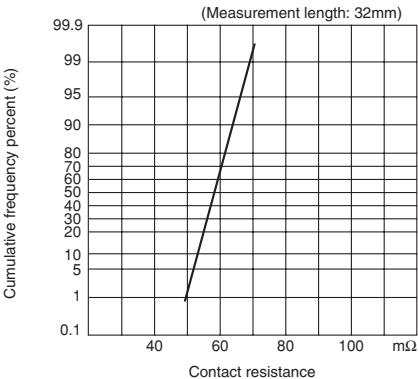
Parameter	Rated value	Unit
Pull-in Value (PI)	10~50	AT
Drop-out Value (DO)	5min	AT
Contact resistance (CR)	100max	mΩ
Breakdown voltage	200 min (PI≥20)	VDC
	150 min (PI<20)	VDC
Insulation resistance	10 ⁹ min	Ω
Electrostatic capacitance	0.3max	pF
Contact rating	10	VA
Maximum switching voltage	100 (^{DC} / _{AC})	V
Maximum switching current	0.5	A
Maximum carry current	1.0	A

3

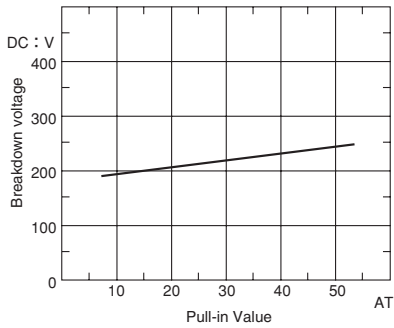
(1) Drop-out Value vs. Pull-in Value



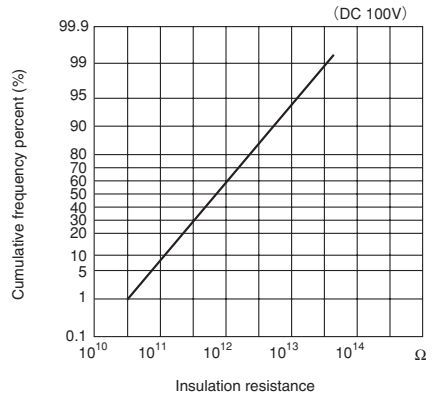
(2) Contact resistance



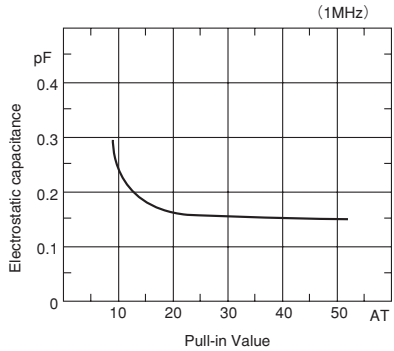
(3) Breakdown voltage



(4) Insulation resistance



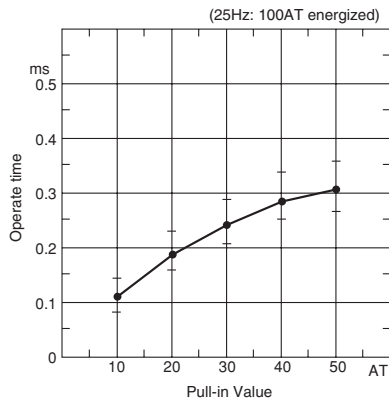
(5) Electrostatic capacitance



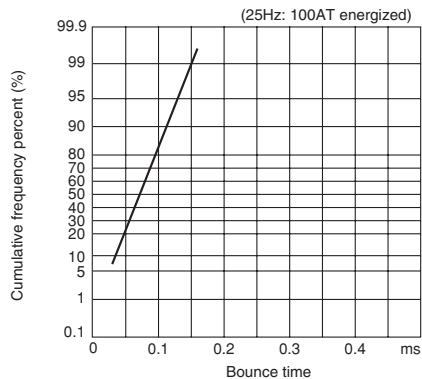
■ OPERATING CHARACTERISTICS

Parameter	Rated value	Unit
Operate time	0.4max	ms
Bounce time	0.3max	ms
Release time	0.05max	ms
Resonant frequency	5000±400	Hz
Maximum operating frequency	500	Hz

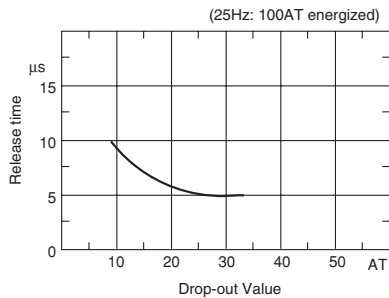
(1) Operate time



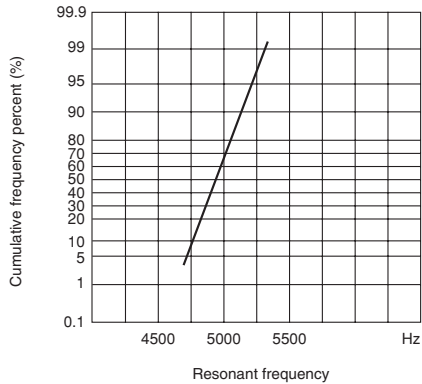
(2) Bounce time



(3) Release time

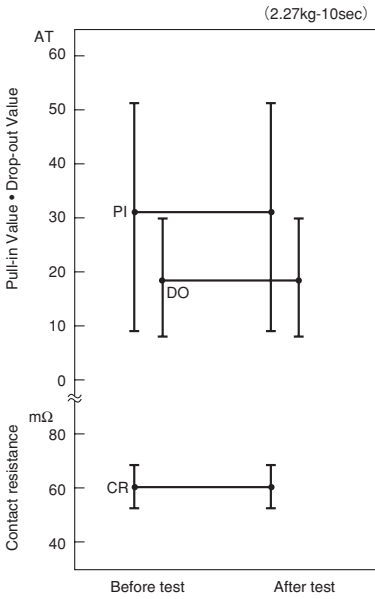


(4) Resonant frequency

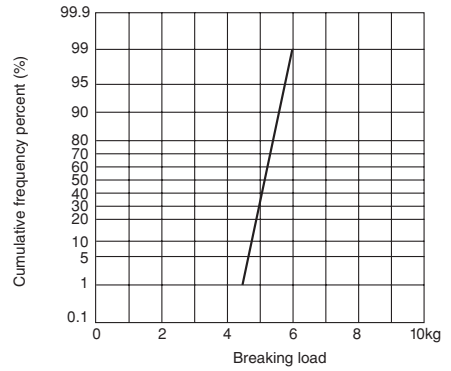


MECHANICAL CHARACTERISTICS

(1) Lead tensile test (static load)

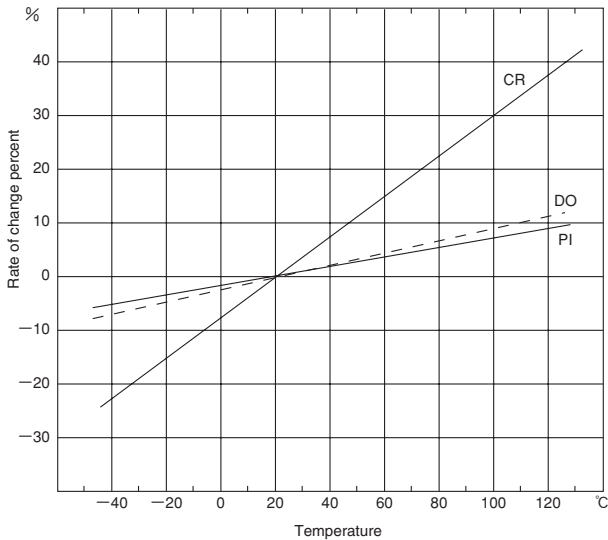


(2) Lead tensile strength



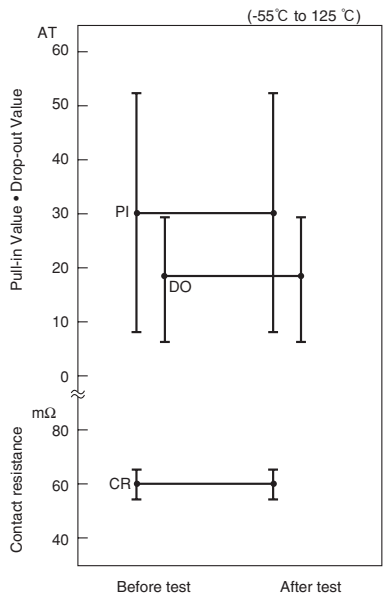
ENVIRONMENTAL CHARACTERISTICS

(1) Temperature characteristics

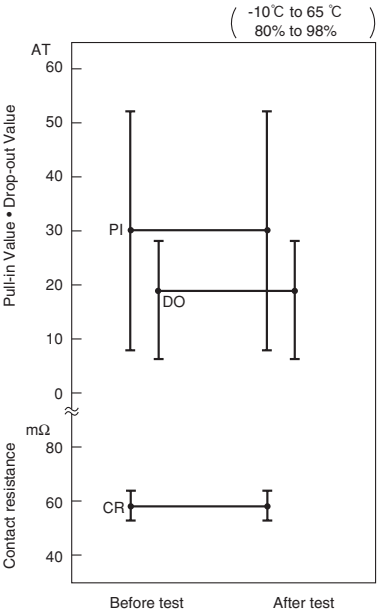


3

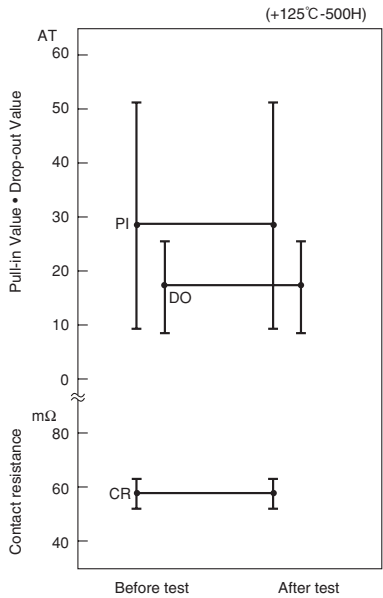
(2) Temperature cycle



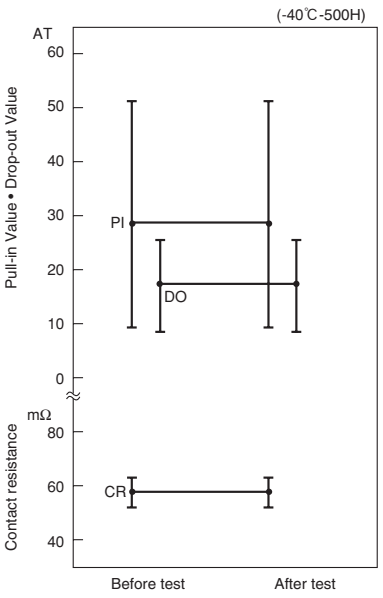
(3) Temperature and humidity cycle



(4) High temperature storage test

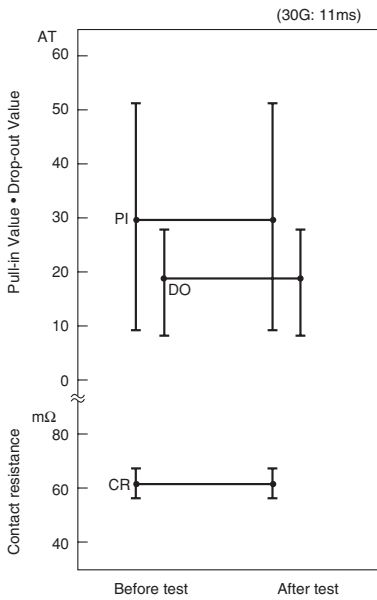


(5) Low temperature storage test

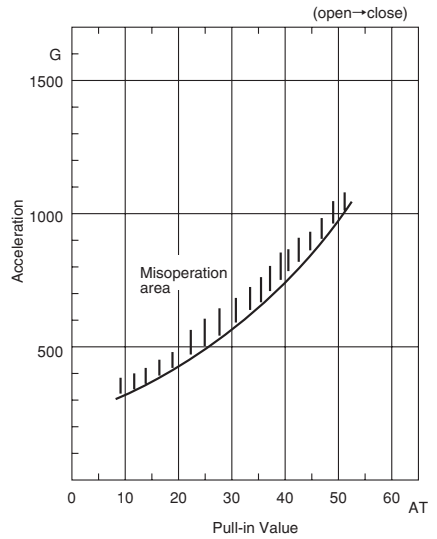


(6) Shock test

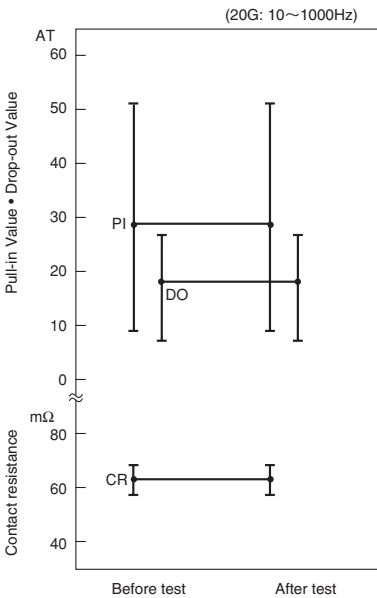
1) Electrical characteristics



2) Misoperation area

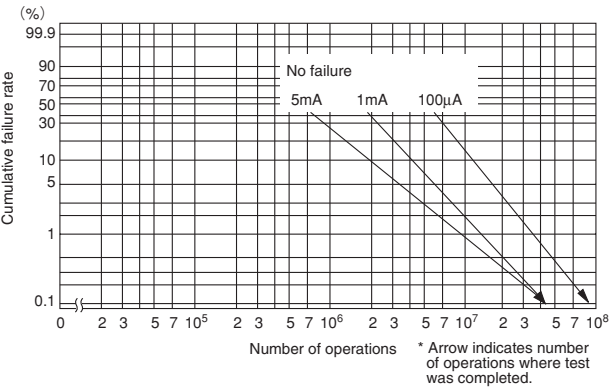


(7) Vibration test

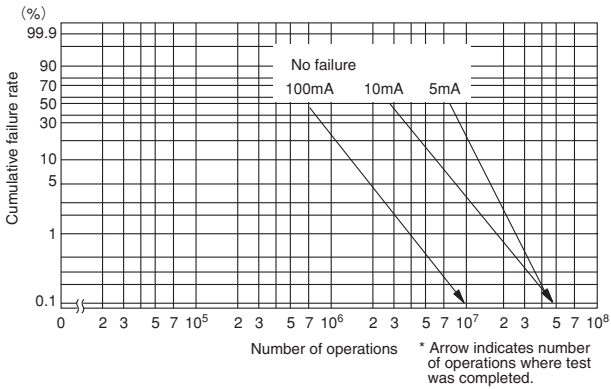


■ LIFE EXPECTANCY DATA: ORD228VL

Load conditions
Voltage: 5VDC
Current: 100μA , 1mA , 5mA
Load: Resistive load



Load conditions
Voltage: 12VDC
Current: 5mA , 10mA , 100mA
Load: Resistive load



Load conditions
Voltage: 24VDC
Current: 100mA , 200mA , 400mA
Load: Resistive load

