Single Type of Surge Protector (Size : 1.0 x 0.5 mm)

ITEM	SPECIFICATION	CONDITION & REQUIREMENT
Rapid change of temperature	Leakage current: 10uA max.	1Cycle= 1 through 4 steps as shown in the tableN= 100 cycleStepTemperature1 -55 ± 2 degC2 $+25\pm 2$ degC3 $+125\pm 2$ degC3 $+125\pm 2$ degC3 $+25\pm 2$ degC3 $min max$.3 $+25\pm 2$ degC3 $min max$.5 $min max$.6 $min max$.7 $min max$.7 $min max$.8 $min max$.9 $min max$.10 $min max$.10 $min max$.10 $min max$.11 $min max$.12 $min max$.13 $min max$.14 $min max$.15 $min max$.16 $min max$.17 $min max$.18 $min max$.19 $min max$.10 $min max$.10 $min max$.11 $min max$.12 $min max$.13 $min max$.14 $min max$.15 $min max$.16 $min max$.17 $min max$.18 $min max$.19 $min max$.19 $min max$.10 $min max$.10 $min max$.10 $min max$.11 $min max$.12 $min max$.13 $min max$.14 $min max$.15 $min max$.16 $min max$.17 $min max$.18 mi
Humidity	Leakage current: 10uA max.	Relative humidity: 90 to 95% Test temperature: $40 \pm 2^{\circ}$ Duration of test: 1000 + 48, -0hr To be Measured after being left at standard condition for 48hours.
Endurance	Leakage current: 10uA max.	Test Temperature: $85 \pm 2^{\circ}$ C Duration of test: 1000 + 48, -0hr To be Measured after being left at standard condition for 48hours.
Resistance to soldering heat	Leakage current: 10uA max.	Preheating Temperature: $150 \pm 5^{\circ}$ Preheating duration: 1min Solder Temperature: $260 \pm 5^{\circ}$ Dipping duration: $5 \pm 1s$ To be Measured after being left at standard condition for 48hours.
Bending strength	Leakage current: 10uA max.	PCB bending range: 3mm PCB thickness: 1.6mm
Solderability	95 % coverage min.	Solder bath: 235 ± 5℃ Dipping duration: 2 ± 1s

