**RX-27**

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| |  |  |  | | --- | --- | --- | | **Item** | **Performance requirement** | **Test methods** | | Temperature Coefficient: | Wire coiling: -300ppm/℃≤ a ≤+300ppm/℃  Oxide rod: -350ppm/℃≤ a ≤+350ppm/℃ | JIS5202-5.2 -55℃ to +155℃  T.C.R=(R2-R1)×10?6/ R1 ×(T2-T1)(PPM/℃)  R1:Resistance value at room temperature(T1); R2:Resistance value at room temperature+100℃(T2) | | Short time overload: | ΔR≤±(2% R0+0.1Ω) | JIS5202-5.5 2.5times RCWV for 5 seconds | | Resistance to soldering heat: | ΔR≤ ±(1%R0+0.05Ω) | JIS5202-6.4 350℃±10℃ for3±0.5 seconds | | Solderability: | The area of soldering is over 95% | JIS5202-6.5 235℃for5±0.5 seconds | | Temperature cycling: | ΔR≤± (5% R0+0.1Ω) | JIS5202-7.4 →65℃→room temp. →150℃→room temp. for 5 cycles | | Load life in moisture: | ΔR≤±(5% R0+0.1Ω) | JIS5202-7.9 40±2℃,90~95% RH at RCWV for 1000 hrs. (1.5 hrs. on, 0.5 hrs. off) | | Nonflammability: | No visible flame | SJ3272-4.2 | |