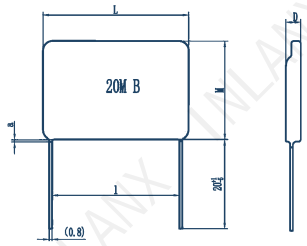
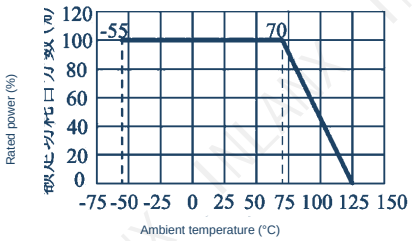
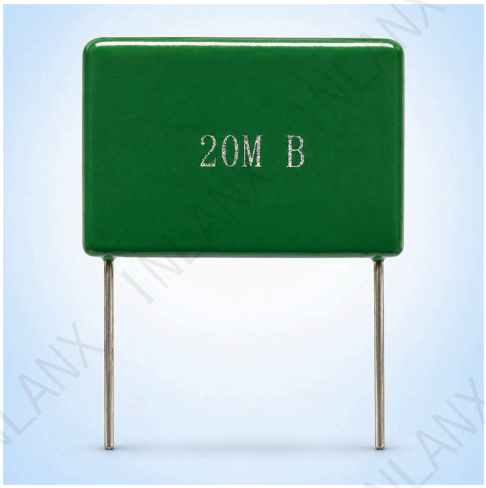
RJ82 High Voltage Metal Film Resistor

Outline Drawing



Derating Curve





Quality grade QB. Detail specification Q/RU 657-2026; general specification GB/T 5729-2003.

Dimensions • mm

Dimension a is for reference only and is not an acceptance requirement.

Model & power	L	M	l	D	a
RJ82-1W	31±1.5	21±1.5	26±1.5	3±1.5	3

Electrical Specifications

Model & power	Resistance Ω	Tolerance	Temp. °C	TCR ×10□□/K	Max V kV
RJ82-1W	50–20M	±0.1%, ±0.5%	-55 to 125	±2(L), ±5(M), ±10(N)	2

Main Inspection Items

Item	Test method	Requirement
High-temp exposure	125°C, 100h	ΔR≤±0.2%R
Temperature change	-55 to 125°C, 5 cycles	ΔR≤±0.25%R
Temperature coefficient	25°C, 85°C	Meets specified requirements
Solderability	(235±5)°C, (2±0.5)s	Free solder flow and wetting of lead

Ordering Information

RJ82-1W-10MΩ-B-M

Model / power / nominal resistance / tolerance code B±0.1%, D±0.5% / TCR code L±2, M±5, N±10 ppm/K.