

- High stability, high accuracy, small size, low TCR
- Applied to the field of precision meter, auto control, national defense engineering etc.

RJ78
RJ78 Precision, metal film resistor

Applicable specifications

- GB/T5729-2003
- Q/RU280-2014 RJ78
- IEC68

E

Dimensions

Type	Dimension mm			
	D± 0.4	L± 0.3	d± 0.05	l± 3
RJ78-0.25w	2.5	6.5	0.6	28
RJ78-0.5w	3.5	9.5	0.7	28

Main specifications

Type	Rated Power At 70° C (W)	Resistance rang (Ω)	E-Series	Tolerance ± (%)	TCR ± × 10 ⁶ /	(Limiting Element Voltage (Vdc or Vacrms) (V)	Insulation Voltage (DC or AC peak value)(V)
RJ78	0.25	20 1.5M	E192	±0.1(B), ±0.25(C), ±0.5(D), ±1(F)	25 50	250	350
		20 2.5M		±0.5(D), ±1(F)			
		10 3M		±1(F)			
	0.5	20 2M	E192	±0.1(B), ±0.25(C), ±0.5(D), ±1(F)		300	420
		20 3M		±0.5(D), ±1(F)			
		10 5M		±1(F)			

Performance

Test	Conditions of Test	Test Limits
Solderability	260°C±5°C, 2s±0.5s	95%
Over-load	2.5 U _R or 2U _{max} (whichever smaller) 5s	ΔR≤±(0.5%R+0.05Ω)
Terminal strength	Pull:10N Bend: 2 in each direction for continuous 2 times) 1 (applied the force Torsion:180°	ΔR≤±(0.1%R+0.01Ω)
Resistance to soldering heat	260°C±5°C, 10s±1s	
Rapid Change of Temperature	A: 55°C, B:125°C;5cycles	
Vibration	(10 500)Hz,0.75mm 98m/s ² (),6h	ΔR≤±(0.5%R+0.05Ω); R _i ≥100MΩ
Climate Sequence	4.23 By the 4.23 clause	
Damp heat, steady state	RH:90% 95%, 40°C,56days	ΔR≤±(0.5%R+0.05Ω); R _i ≥1GΩ
70°C Endurance	U _R or U _{max} (whichever smaller), 1000h,70	
Endurance at upper-limit temperature	1000h,125°C	

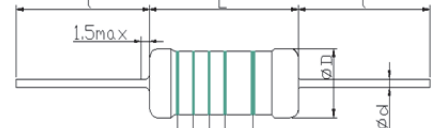
Ordering information

RJ78 - 0.25W - 1M2 - B ± 25 × 10⁻⁶/

- - - -TCR

Type-Rated Power-Nominal Resistance-Tolerance-TCR

Dimensions



First significant digit 第一位有效数字
Second significant digit 第二位有效数字
Third significant digit 第三位有效数字
阻值允许偏差 Tolerance
倍率 Multiplving power

Derating

