

# Milliohm Resistors, Shunt Resistors

**Power Rating: 0.5W-5W**

**Resistance Value: 0.01Ω-0.1Ω**

**Resistance Tolerance: ±1%, ±2% ±5%**



## ● Features:

- 1.Low resistance value,the lowest can be 0.005Ω and high stability.
- 2.Operating ambient temperature:-55~+125℃
- 3.Can be according to customers requirement to form the special type.
- 4.Please supply the data of current or wire diameter you may apply.
- 5.According to mounting requirements, there are 5mm,10mm...etc.
- 6.For custom specifications,please contact us to discuss the details.
- 7.Delivery:5-7days

### ● Performance Specifications

Test Item	Test Condition	Performance
Temperature coefficient	Test the resistance value at normal temperature and normal temperature added 100°C,calculated per °C resistance value change rate	±100PPM)/°C
Resistance to soldering heat	Immerge into the 350±10°C tin stove for 2-3seconds	ΔR≤±0.05 R <sub>0</sub>
Solderability	Immerge into the 245±5°C tin stove for 2-3seconds	The soldering area is over 95%
Load Life in humidity	Overload rated voltage or Max.working voltage(get the lower)for 1000hours (1.5 hours on and half-hour off)at the 40±2°C and 90%-95% relative humidity.	ΔR≤±2R <sub>0</sub>
Load Life in heat	Overload rated voltage or Max.working voltage(get the lower)for 1000hours (1.5 hours on and half-hour off)at the 70±2°C.	ΔR≤±2R <sub>0</sub>
Temperature Cycle	At -55°C for 30min,then at+25°C for 10-15 min,then at+155% for 30 min, then at+25°C for 10-15 min,total 5 cycles.	ΔR≤±(5%R <sub>0</sub> +0.05Ω)

### ● How to order



FL -YUB	1W	10mΩ	J
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Type	Power Rating	Resistance Value	Resistance Tolerance
YUB,YMB,BUC,BJH YJH,BMH,UCD,YBDH	0.5W-5W	0.01Ω-0.1Ω	±1%,±2%,±5%,±10%

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