

# WIREWOUND RESISTOR 繞綫電阻器

# WR

50 (100S)  
100 (200S)  
200 (300S)  
300 (500S)  
500



- TOLERANCE 誤差 : ± 1%, ± 2%, ± 5%
- RESISTANCE VALUE RANGE 阻值範圍 : 0.01 OHM – 1K
- TESTING STANDARD 測試標準 : JISC 5202

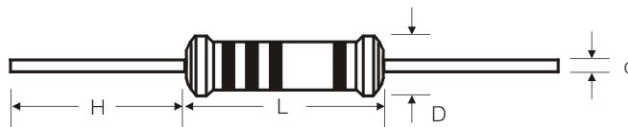
\* NON-INDUCTIVE TYPE ALSO AVAILABLE. 無感性亦可供應

## FEATURES 特性

- \* THIS RESISTOR IS FABRICATED WITH THE VALUED RESISTANCE WIRE SECURELY CRIMPED ONTO THE TWO TERMINALS OF THE CERAMIC ROD. 此電阻是采用合金銅絲互繞在瓷棒兩端。
- \* COMPARATIVELY SMALLER IN SIZE. 體型上比其他電阻器較小。
- \* HIGH ELECTRICAL AND MECHANICAL STABILITY AND RELIABILITY. 兼備電器和機器性能上的高度可靠性和穩定性。

P.S. ONE EXTRA BLACK BAND FOR EASY IDENTIFICATION  
本體上加多一條黑色色環易於辨認

## DIMENSIONS 尺寸 / VALUE RANGE 阻值範圍



Unit: mm

TYPE 型號	MEASUREMENT 外型尺寸				VALUE RANGE 阻值範圍
	L	D	H	d	
WR50(WR100S)	9.5 ± 1.0	3.5 ± 1.0	25 ± 1.0	0.55 ± 0.05	0.1 Ω ~150 Ω
WR100(WR200S)	11.0 ± 1.5	4.0 ± 1.0	24 ± 1.0	0.55 ± 0.05	0.1 Ω ~750 Ω
WR200(WR300S)	15.0 ± 1.5	5.0 ± 1.0	23 ± 1.0	0.70 ± 0.05	0.1 Ω ~820 Ω
WR300(WR500S)	17.0 ± 1.5	6.0 ± 1.0	25 ± 1.0	0.70 ± 0.05	0.1 Ω ~820 Ω
WR500	25.0 ± 1.5	8.0 ± 0.5	23(31) ± 1.0	0.78 ± 0.05	0.1 Ω ~200 Ω

## ELECTRICAL CHARACTERISTICS 電器特性

ALL MEASUREMENTS ARE TAKEN AT 25°C AT 1KHZ AND 65% RELATIVE HUMIDITY, UNLESS OTHERWISE STATED  
所有測試必須在環境溫度25°C及濕度65%的條件下進行

DESCRIPTION 內容	
TEMPERATURE COEFFICIENT 溫度特性	± 300PPM/°C
INSULATION RESISTANCE 絕緣電阻	MIN.1,000MΩ
LOAD LIFE (1,000 HOURS) 負載壽命(一千小時)	5%+0.05 Ω
SHORT-TIME OVERLOAD 短時間過負荷	± 2%+0.05 Ω
TEMPERATURE CYCLING 溫度循環	± 2%+0.05 Ω
MOISTURE RESISTANCE 耐濕負荷壽命	± 5%+0.05 Ω
VIBRATION 耐震性	± 1%+0.05 Ω
EFFECT OF SOLDERING 焊錫耐熱性	± 1%+0.05 Ω

The working voltage is calculated based on the resistance value following the formula of  $V = \sqrt{P \cdot R}$  or to its maximum extent as indicated above  
The overload voltage is calculated based on the resistance value following the formula of  $V = 25 \cdot \sqrt{P \cdot R}$  or to its maximum extent as indicated above