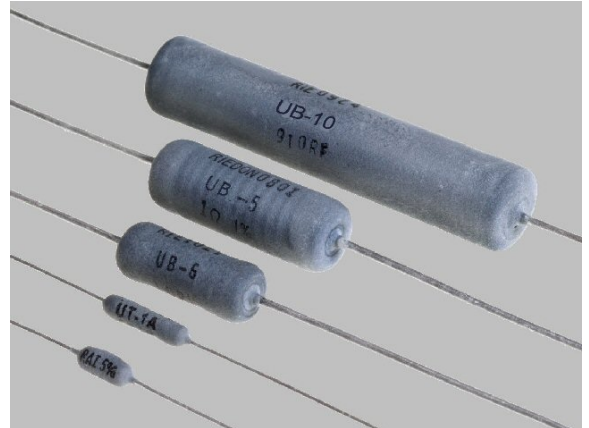


## アキシャルリード 1W-15W 巻線抵抗器

1W - 15W AXIAL LEAD WIRE WOUND RESISTORS

UB-1, UB-2, UB-3, UB-3C, UB-5  
UB-5C, UB-6, UB-10, UB-12, UB-15



## 特長用途

1W から 15W まで規格 RW-8x 準拠、小型化精密巻線形固定抵抗器。

動作温度範囲は-55°Cから+250°C。

高純度セラミックスコアによく、塗装は強靱なシリコンレジン塗装、完全溶接接続の構造によって長期安定性を保証。

過入力耐性に優れた金属抵抗線を使用した高精度、抵抗器。

通常巻線、無誘導巻線、いずれも標準製品。

工業計測、計測器、パワーエレクトロニクス、IC テスタの電子負荷、精密電源、定電流電源、インバータ、IPM、自動車用 ECU、AC サーボ制御、装置電源などの、突入電流防止回路、回生制動抵抗器、ダイナミックブレーキ抵抗器、スナバ抵抗器など。

## Features and Applications

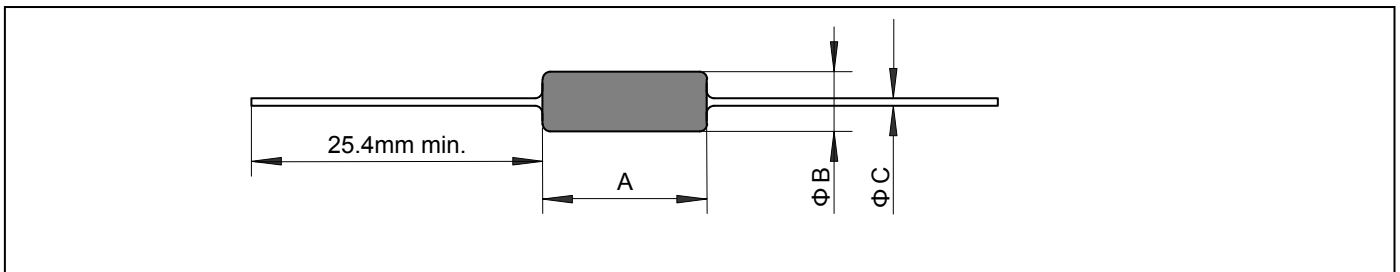
Precision wire wound resistors from 1W to 15W rated power based on MIL RW-8x.

Operating temperature range from -55 deg C to 250 deg C is performed by using strong silicone resin.

Welding structure and high purity ceramic core assures long life stability.

Strong over load characteristics are fit for applications of industrial power electronics, industrial measurements, automatic testing, switching power supplies, motor control electronics, inrush current protection in automotive electronics, industrial power supplies.

## 寸法 Dimensions (mm)



Type	Wattage Rating	Dimension A	Dimension B	Dimension C	Maximum Ohms	Maximum Working Voltage	MIL-R-26 / MIL-R-39007 Style
	U (W)	+/-1.6(mm)	+/-0.8(mm)	+/-0.05(mm)	(Ohms)	(V)	
UB-1	1.0	6.4	2.2	0.5	3.4k	33	RW-81, RWR-81
UB-2	1.5	7.9	2.0	0.5	7.5k	42	RWR-82
UB-3	2.0	10.3	2.4	0.6	10k	80	RW-80, RWR-80
UB-3C	3.0	8.9	4.0	0.8	12.5k	135	
UB-5	4.0	14.2	4.7	0.8	25k	162	
UB-5C	5.0	12.7	5.5	1.0	32k	194	
UB-6	6.0	15.9	6.4	1.0	50k	258	
UB-10	7.0	22.2	7.9	1.0	95k	425	RW-84
UB-12	10.0	31.0	7.9	1.0	150k	607	
UB-15	15.0	45.2	9.05	1.0	260k	1050	

## 注記

無誘導巻線の抵抗器では、最大抵抗値を2で除してください。

UT シリーズ精密級の生産国は、米国です。

## Note1:

Lead Diameter, 18AWG=0.040", 20AWG=0.032", 22AWG=0.025", 24AWG=0.020", 25AWG=0.018".

For non-inductive winding, divide maximum resistance by 2.

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## 形名呼称 Ordering Information

Type & Rating	TCR	Resistance	Tolerance	Packaging	Remarks
UT-2A	----	10 ohm	F (std)	Z01	
UB-1		Any value	T(+/-0.01%)	Z00 (1000pcs bulk)	Inductive
UB-2		0.02 ohm to	A (+/-0.05%)	Z01 (1000pcs tape)	Inductive
UB-3		Max. value	B(+/-0.1%)		Inductive
UB-3C			F (+/-1.0%)		Inductive
UB-5			J(+/-5.0%)		Inductive
UB-5C					Inductive
UB-6					Inductive
UB-10					Inductive
UB-12					Inductive
UB-15					Inductive
UBN-1					Non-inductive
UBN-2					Non-inductive
UBN-3					Non-inductive
UBN-3C					Non-inductive
UBN-5					Non-inductive
UBN-5C					Non-inductive
UBN-6					Non-inductive
UBN-10					Non-inductive
UBN-12					Non-inductive
UBN-15					Non-inductive

## 仕様 Specifications

仕様	Specifications	Value
抵抗値許容差	Tolerance	+/-0.01%, 0.05%, +/-0.1%, +/-1.0%, +/-5%
抵抗温度係数	Temperature Coefficient, over 10ohm	>10ohm, +/-20ppm/K
	Temperature Coefficient, 1ohm to 10ohm	1ohm - 10ohm, +/-50ppm/K
	Temperature Coefficient, less than 1ohm	<1ohm, Call factory
使用温度範囲	Temperature Range	-55 deg C to 250 deg C
絶縁耐圧	Dielectric Strength	500VAC, UB-1, UB-2, UB-3 1000VAC for all others
信頼性試験項目	Environmental Performance, MIL-STD202	ΔR characteristic U
絶縁耐電圧	Dielectric	+/-0.2%
負荷寿命	Load Life	+/-1.0%
保存	Storage	+/-0.2%
耐湿負荷	Moisture Resistance	+/-0.2%
熱衝撃	Thermal Shock	+/-0.2%
短時間過負荷	5x Rated Power, 5 seconds Overload	+/-0.2%
衝撃	Mechanical Shock	+/-0.1%
耐振性	Vibration	+/-0.1%

## 負荷軽減曲線 Derating

