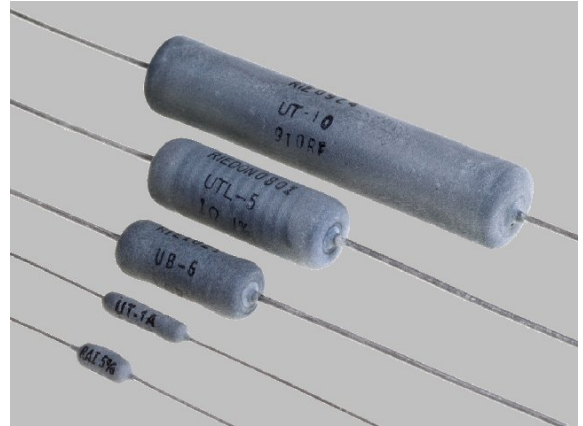


1W - 15W AXIAL LEAD WIRE WOUND RESISTORS

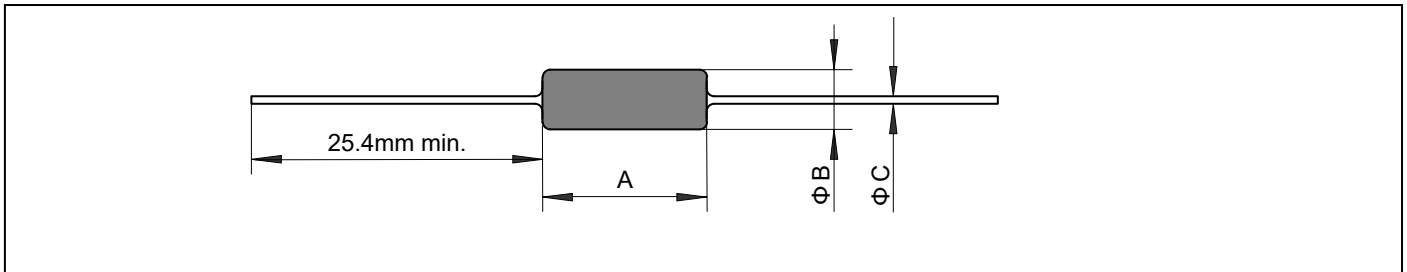
UT-1A, UT-2A, UT-2B, UT-3, UT-5
 UT-6, UT-7A, UT-10, UT-15



Features and Applications

Precision wire wound resistors from 1W to 15W rated power based on MIL RW-6x and MIL RW-7x. Operating temperature range from -55°C to 275°C (U) – 350°C (V) are performed by using strong silicone resin. Welding structure and high purity ceramic core assures long life stability. Difference with the UB series has a big dimensions than UB, and the rated power is lower and UT is designed the reliable characteristics. 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	Wattage Rating	Dimension A	Dimension B	Dimension C	Maximum Ohms	Maximum Working Voltage	MIL-R-26 MIL-R-39007 Style
	U (W)	V (W)	+/-1.6(mm)	+/-0.8(mm)	+/-0.05(mm)	(Ohms)	(V)	
UT-1A	1.0	1.5	10.3	2.4	0.5	10k	52	RW-70
UT-2A	2.5	3.0	12.7	4.7	0.8	22k	130	RW-69
UT-2B	3.0	3.75	14.2	4.7	0.8	22k	140	RW-79
UT-3	4.0	5.5	17.1	6.9	0.8	45k	210	
UT-5	5.0	6.5	22.2	7.9	1.0	91k	360	RW-74
UT-6	5.0	6.5	25.4	7.9	1.0	95k	504	
UT-7A	7.0	9.0	35.0	9.5	1.0	150k	650	
UT-10	10.0	13.0	45.2	9.5	1.0	260k	850	RW-78
UT-15	15.0	---	46.0	13.0	1.2	320k	1500	

Note1: Ratings are shown at max. ambient temperature of 275°C, (Rating W) shall be used at 350°C maximum temperature. 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.

1W - 15W AXIAL LEAD WIRE WOUND RESISTORS

UT-1A, UT-2A, UT-2B, UT-3, UT-5, UT-6, UT-7A, UT-10, UT-15

Ordering Information

Type & Rating	-----	Resistance	Tolerance	Packaging	Remarks
UT-2A	-----	10 ohm	F	Z01	
UT-1A	-----	Any value	B(+/-0.1%)	Z00 (1000pcs bulk)	Inductive
UT-2A		0.02 ohm to	F (+/-1.0%)	Z01 (1000pcs tape)	Inductive
UT-2B		Max. value	J(+/-5.0%)		Inductive
UT-3					Inductive
UT-5					Inductive
UT-6					Inductive
UT-7A					Inductive
UT-10					Inductive
UT-15					Inductive
UTN-1A					Non-inductive
UTN-2A					Non-inductive
UTN-2B					Non-inductive
UTN-3					Non-inductive
UTN-5					Non-inductive
UTN-6					Non-inductive
UTN-7A					Non-inductive
UTN-10					Non-inductive
UTN-15					Non-inductive

Specifications

Specifications	Value
Tolerance	+/-0.1%, +/-1.0%, +/-5% (+/-0.01% available)
Temperature Coefficient, over 10ohm	+/-20ppm/K
Temperature Coefficient, 1ohm to 10ohm	+/-50ppm/K
Temperature Coefficient, less than 1ohm	Typical +/-150ppm/K
Temperature Range	-55C to 275°C, characteristic U -55°C to 350°C, characteristic V
Dielectric Strength	500VAC, UT-1, UT-1A, 1000VAC for all others
Environmental Performance, MIL-STD202	Δ R characteristic U
Dielectric	+/-0.2%
Load Life	+/-1.0%
Storage	+/-0.2%
Moisture Resistance	+/-0.2%
Thermal Shock	+/-0.2%
5x Rated Power, 5 seconds Overload	+/-0.2%
Mechanical Shock	+/-0.1%
Vibration	+/-0.1%
	Δ R characteristic V
	+/-0.2%
	+/-3.0%
	+/-2.0%
	+/-2.0%
	+/-2.0%
	+/-0.2%
	+/-0.2%

Derating

