

FEATURES

Dielectric

Load Life

Storage

Shock

Vibration

Moisture Resistance

Thermal Shock

5X Overload (5s)

- Resistances from 0.02 to 260kOhms
- Power Rating 1 to 15 Watts
- Resistance Tolerances to ± 0.01%
- Low TCR: ± 20ppm/K Standard
- MIL-R-26 / MIL-R-39007 Power Ratings
- Temperature Range: -55°C to +250°C
- Non-Inductive Windings Available

TABLE 1-SPECIFICATIONS



 $\pm 0.2\% + 0.05\Omega$

to ±1% depending on size and Resistance Value $\pm 0.2\% + 0.05\Omega$

 $\pm 0.2\% + 0.05\Omega$

 $\pm 0.2\% + 0.05\Omega$

 $\pm 0.2\% + 0.05\Omega$

 $\pm 0.1\% + 0.05\Omega$

 $\pm 0.1\% + 0.05\Omega$

Tolerances	±0.01% to ±10% (1% Standard)			
Temperature Coefficient	>10 Ω : ±20ppm/K 1 Ω to10 Ω : ±50ppm/K <1 Ω : Call Factory			
Temperature Range	-55°C to +250°C			
Dielectric Strength	500 VAC : UB-1 / UB-2 / UB-3 1000 VAC : All Others			
Constuction	Centerless ground ceramic core Tinned copper or copperweld leads High temperature / trivalent / inorganic Silicone coating All welded terminations			
Environmental Performance (MIL-STD 202)	ΔR			

ORDERING INFORMATION

Part Number - Resistance - Tolerance - TCR (If not standard)

UB-3 10 Ohm 1%

For Non-Inductive Windings / insert the letter "N" (i.e. UBN-5)

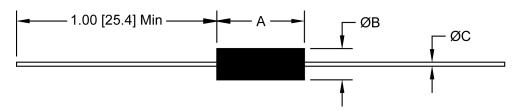


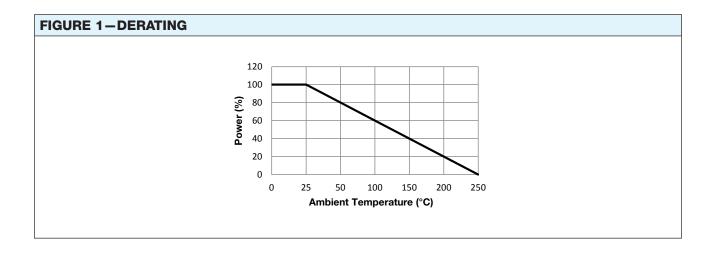
TABLE 1-SPECIFICATIONS (continued)

Туре	Wattage Rating (Watts)	Maximum Ohms ²	Dimensions			Maximum	MIL-R-26 / MIL-
			A ±0.062" [±1.6mm]	B ±0.031" [±0.8mm]	C ¹ ±0.002" [±0.05mm]	Working Voltage	R-39007 Style
UB-1	1	3.4k	0.250 [6.4]	0.085 [2.2]	0.020 [0.5] 0.025 [0.6]	33	RW-81 RWR-81
UB-2 ³	1.5	7.5k	0.312 [7.9]	0.078 [2.0]	0.020 [0.5] 0.025 [0.6]	42	RWR-82
UB-3	2	10k	0.406 [10.3]	0.094 [2.4]	0.025 [0.6] 0.020 [0.5]	80	RW-80 RWR-80
UB-3C	3	12.5k	0.350 [8.9]	0.156 [4.0]	0.032 [0.8]	135	
UB-5	4	25k	0.560 [14.2]	0.187 [4.7]	0.032 [0.8]	162	
UB-5C	5	32k	0.500 [12.7]	0.218 [5.5]	0.032 [0.8]	194	
UB-6	6	50k	0.625 [15.9]	0.250 [6.4]	0.040 [1.0]	258	
UB-10	7	95k	0.875 [22.2]	0.312 [7.9]	0.040 [1.0]	425	RW-84
UB-12	10	150k	1.220 [31.0]	0.312 [7.9]	0.040 [1.0]	607	
UB-15	15	260k	1.780 [45.2]	0.375 [9.5]	0.040 [1.0]	1050	

¹ Lead Diameter: 18 AWG = 0.040" / 20 AWG = 0.032" / 22 AWG = 0.025" / 24 AWG = 0.020" Where more than one lead is listed / the top value is Standard

³ This part does not meet the RoHS directive - call factory for details





 $^{^{\}rm 2}~$ For non-inductive windings / divide maximum resistance by 2



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