

# 1 WATT CARBON COMPOSITION

Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number	Value in Ohms	NTE Stock Number
10	1WCC010	150	1WCC115	2.2K	1WCC222	33K	1WCC333	470K	1WCC447				
15	1WCC015	220	1WCC122	3.3K	1WCC233	47K	1WCC347	680K	1WCC468				
22	1WCC022	330	1WCC133	4.7K	1WCC247	68K	1WCC368	1M	1WCC510				
33	1WCC033	470	1WCC147	6.8K	1WCC268	100K	1WCC410						
47	1WCC047	680	1WCC168	10K	1WCC310	150K	1WCC415						
68	1WCC068	1K	1WCC210	15K	1WCC315	220K	1WCC422						
100	1WCC110	1.5K	1WCC215	22K	1WCC322	330K	1WCC433						

## SPECIFICATIONS

### Electrical Characteristics @ 70°C

NTE Number	Resistance Range (Ohms)	Tolerance (%)	Voltage (Volts)	Operating Temperature (T <sub>opr</sub> )	Temperature Coefficient (PPM/°C)
1WCC010 thru 1WCC510	10 to 1M	10	500	-55° to +150°C	±0.15%

### Mechanical\* (Typical, inches/mm)

NTE Number	Body Length (L)	Body Diameter (D)	Lead Diameter (d)	Lead Length (LL)
1WCC010 thru 1WCC115	0.562 (14.27)	0.225 (5.72)	0.036 (0.91)	1.000 (25.4)
1WCC122	0.591 (15.0)	0.236 (6.0)	0.032 (0.80)	1.102 (28.0)
1WCC133 thru 1WCC268	0.562 (14.27)	0.225 (5.72)	0.036 (0.91)	1.000 (25.4)
1WCC310	0.591 (15.0)	0.236 (6.0)	0.032 (0.80)	1.102 (28.0)
1WCC315 thru 1WCC333	0.562 (14.27)	0.225 (5.72)	0.036 (0.91)	1.000 (25.4)
1WCC347	0.591 (15.0)	0.236 (6.0)	0.032 (0.80)	1.102 (28.0)
1WCC368 thru 1WCC510	0.562 (14.27)	0.225 (5.72)	0.036 (0.91)	1.000 (25.4)

\* These dimensions are for reference only, please consult the factory for actual size.

