

# 2 WATT METAL

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
0.10	2WD10	4.3	2W4D3	56	2W056	750	2W175	10K	2W310	130K	2W413	1.8M	2W518
0.12	2WD12	4.7	2W4D7	62	2W062	820	2W182	11K	2W311	150K	2W415	2M	2W520
0.15	2WD15	5.1	2W5D1	68	2W068	910	2W191	12K	2W312	160K	2W416	2.2M	2W522
0.18	2WD18	5.6	2W5D6	75	2W075	1K	2W210	13K	2W313	180K	2W418	2.4M	2W524
0.22	2WD22	6.2	2W6D2	82	2W082	1.1K	2W211	15K	2W315	200K	2W420	2.7M	2W527
0.27	2WD27	6.8	2W6D8	91	2W091	1.2K	2W212	16K	2W316	220K	2W422	3M	2W530
0.33	2WD33	7.5	2W7D5	100	2W110	1.3K	2W213	18K	2W318	240K	2W424	3.3M	2W533
0.39	2WD39	8.2	2W8D2	110	2W111	1.5K	2W215	20K	2W320	270K	2W427	3.6M	2W536
0.47	2WD47	9.1	2W9D1	120	2W112	1.6K	2W216	22K	2W322	300K	2W430	3.9M	2W539
0.56	2WD56	10	2W010	130	2W113	1.8K	2W218	24K	2W324	330K	2W433	4.3M	2W543
0.68	2WD68	11	2W011	150	2W115	2K	2W220	27K	2W327	360K	2W436	4.7M	2W547
0.82	2WD82	12	2W012	160	2W116	2.2K	2W222	30K	2W330	390K	2W439	5.1M	2W551
1.0	2W1D0	13	2W013	180	2W118	2.4K	2W224	33K	2W333	430K	2W443	5.6M	2W556
1.1	2W1D1	15	2W015	200	2W120	2.7K	2W227	36K	2W336	470K	2W447	6.2M	2W562
1.2	2W1D2	16	2W016	220	2W122	3K	2W230	39K	2W339	510K	2W451	6.8M	2W568
1.3	2W1D3	18	2W018	240	2W124	3.3K	2W233	43K	2W343	560K	2W456	7.5M	2W575
1.5	2W1D5	20	2W020	270	2W127	3.6K	2W236	47K	2W347	620K	2W462	8.2M	2W582
1.6	2W1D6	22	2W022	300	2W130	3.9K	2W239	51K	2W351	680K	2W468	9.1M	2W591
1.8	2W1D8	24	2W024	330	2W133	4.3K	2W243	56K	2W356	750K	2W475	10M	2W610
2.0	2W2D0	27	2W027	360	2W136	4.7K	2W247	62K	2W362	820K	2W482	11M	2W611
2.2	2W2D2	30	2W030	390	2W139	5.1K	2W251	68K	2W368	910K	2W491	12M	2W612
2.4	2W2D4	33	2W033	430	2W143	5.6K	2W256	75K	2W375	1M	2W510	13M	2W613
2.7	2W2D7	36	2W036	470	2W147	6.2K	2W262	82K	2W382	1.1M	2W511	15M	2W615
3.0	2W3D0	39	2W039	510	2W151	6.8K	2W268	91K	2W391	1.2M	2W512	16M	2W616
3.3	2W3D3	43	2W043	560	2W156	7.5K	2W275	100K	2W410	1.3M	2W513	18M	2W618
3.6	2W3D6	47	2W047	620	2W162	8.2K	2W282	110K	2W411	1.5M	2W515	20M	2W620
3.9	2W3D9	51	2W051	680	2W168	9.1K	2W291	120K	2W412	1.6M	2W516	22M	2W622

## SPECIFICATIONS

### Electrical Characteristics @ 70°C

NTE Number	Resistance Range (Ohms)	Tolerance (%)	Voltage (Volts)	Operating Temperature (T <sub>opr</sub> )	Temperature Coefficient (PPM/°C)
2WD10 to 2W9D1	0.10 to 9.1	5	500	-55° to +200°C (Note)	200
2W010 to 2W511	10 to 1.1M	2	500	-55° to +200°C	200
2W512 to 2W622	1.2M to 22M	2	500	-55° to +200°C	200

**Note:** For values less than 0.2Ω, the Operating Temperature is -55° to +155°C.

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

NTE Number	Body Length (L)	Body Diameter (D)	Lead Diameter (d)	Lead Length (LL)
2WD10 to 2W9D1	0.590 (15)	0.220 (5.6)	0.032 (.8)	1.5 (38)
2W010 to 2W622	0.610 (15.5)	0.220 (5.6)	0.032 (.8)	1.18 (30)

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

