THE DATASHEET OF

1W362

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

SPECIFICATIONS

Electrical Characteristics @ 70°C

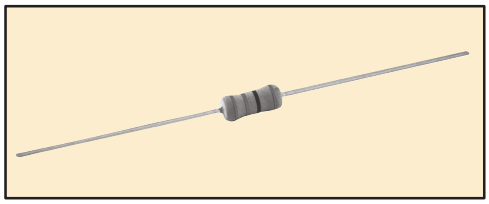
NTE Number	Resistance Range (Ohms)	Tolerance (%)	Voltage (Volts)	Operating Temperature (T_{opr})	Temperature Coefficient (PPM/°C)
1WD10 to1W9D1	0.10 to 9.1	5	350	–55° to +200°C (Note)	200
1W010 to 1W510	10 to 1M	2	500	–55° to +200°C	200
1W511 to 1W622	1.1M to 22M	2	350	–55° to +200°C	200

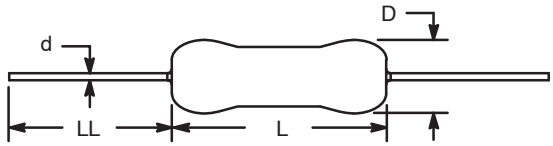
Note: For values less than 0.2Ω, the Operating Temperature is –55° to +155°C.

Mechanical* (Typical, inches/mm)

NTE Number	Body Length (L)	Body Diameter (D)	Lead Diameter (d)	Lead Length (LL)
1WD10 to 1W9D1	0.425 (10.8)	0.155 (3.9)	0.027 (0.7)	1.375 (35)
1W010 to 1W510	0.440 (11.8)	0.157 (4.0)	0.032 (0.83)	1.18 (30)
1W511 to 1W622	0.425 (10.8)	0.155 (3.9)	0.027 (0.7)	1.375 (35)

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





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