

# 1/4 WATT METAL, 1% TOLERANCE

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
10.0	QW010BR	402	QW0402BR	3.48K	QW1348BR	18K	QW318BR	80.6K	QW2806BR
12.1	QW012D1BR	422	QW0422BR	3.65K	QW1365BR	18.2K	QW2182BR	84.5K	QW2845BR
15.0	QW015BR	432	QW0432BR	3.92K	QW1392BR	19.6K	QW2196BR	90.9K	QW2909BR
20.0	QW020BR	475	QW0475BR	4.02K	QW1402BR	20K	QW320BR	97.6K	QW2976BR
22.1	QW022D1BR	499	QW0499BR	4.32K	QW1432BR	22K	QW322BR	100K	QW3100BR
24.9	QW024D9BR	511	QW0511BR	4.64K	QW1464BR	22.1K	QW2221BR	105K	QW3105BR
27.4	QW027D4BR	523	QW0523BR	4.75K	QW1475BR	22.6K	QW2226BR	110K	QW3110BR
30.1	QW030D1BR	562	QW0562BR	4.99K	QW1499BR	23.2K	QW2232BR	121K	QW3121BR
33.2	QW033D2BR	681	QW0681BR	5.11K	QW1511BR	24K	QW324BR	124K	QW3124BR
34.8	QW034D8BR	732	QW0732BR	5.23K	QW1523BR	24.9K	QW2249BR	150K	QW3150BR
37.4	QW037D4BR	750	QW0750BR	5.36K	QW1536BR	25.5K	QW2255BR	158K	QW3158BR
39.2	QW039D2BR	806	QW0806BR	5.62K	QW1562BR	26.7K	QW2267BR	182K	QW3182BR
40.2	QW040D2BR	825	QW0825BR	6.04K	QW1604BR	27K	QW327BR	200K	QW3200BR
43.2	QW043D2BR	909	QW0909BR	6.19K	QW1619BR	27.4K	QW2274BR	221K	QW3221BR
45.3	QW045D3BR	1.0K	QW210BR	6.2K	QW262BR	28.7K	QW2287BR	226K	QW3226BR
47.5	QW047D5BR	1.05K	QW1105BR	6.34K	QW1634BR	30K	QW330BR	249K	QW3249BR
49.9	QW049D9BR	1.1K	QW211BR	6.81K	QW1681BR	30.1K	QW2301BR	267K	QW3267BR
51.1	QW051D1BR	1.21K	QW1121BR	6.98K	QW1698BR	30.9K	QW2309BR	274K	QW3274BR
56.2	QW056D2BR	1.24K	QW1124BR	7.5K	QW275BR	32.4K	QW2324BR	301K	QW3301BR
61.9	QW061D9BR	1.27K	QW1127BR	7.68K	QW1768BR	33K	QW333BR	348K	QW3348BR
75.0	QW075BR	1.4K	QW214BR	7.87K	QW1787BR	33.2K	QW2332BR	360K	QW3360BR
80.6	QW080D6BR	1.5K	QW215BR	8.06K	QW1806BR	34.8K	QW2348BR	390K	QW3390BR
90.9	QW090D9BR	1.54K	QW1154BR	8.2K	QW282BR	38.3K	QW2383BR	402K	QW3402BR
100	QW110BR	1.69K	QW1169BR	8.25K	QW1825BR	39.2K	QW2392BR	430K	QW3430BR
121	QW0121BR	1.82K	QW1182BR	8.8K	QW288BR	41.2K	QW2412BR	432K	QW3432BR
133	QW0133BR	2.0K	QW220BR	8.87K	QW1887BR	42.2K	QW2422BR	470K	QW3470BR
150	QW115BR	2.15K	QW1215BR	9.09K	QW1909BR	43.2K	QW2432BR	475K	QW3475BR
182	QW0182BR	2.21K	QW1221BR	9.1K	QW291BR	46.4K	QW2464BR	499K	QW3499BR
200	QW120BR	2.32K	QW1232BR	9.31K	QW1931BR	47.5K	QW2475BR	511K	QW3511BR
215	QW0215BR	2.37K	QW1237BR	10K	QW310BR	49.9K	QW2499BR	560K	QW3560BR
221	QW0221BR	2.49K	QW1249BR	10.5K	QW2105BR	51.1K	QW2511BR	562K	QW3562BR
232	QW0232BR	2.61K	QW1261BR	10.7K	QW2107BR	52.3K	QW2523BR	620K	QW3620BR
243	QW0243BR	2.74K	QW1274BR	11.3K	QW2113BR	54.9K	QW2549BR	750K	QW3750BR
249	QW0249BR	2.87K	QW1287BR	12.1K	QW2121BR	56.2K	QW2562BR	806K	QW3806BR
274	QW0274BR	2.94K	QW1294BR	13K	QW313BR	57.6K	QW2576BR	820K	QW3820BR
301	QW0301BR	3.01K	QW1301BR	13.3K	QW2133BR	66.5K	QW2665BR	909K	QW3909BR
316	QW0316BR	3.09K	QW1309BR	15K	QW315BR	68.1K	QW2681BR	910K	QW3910BR
332	QW0332BR	3.16K	QW1316BR	16K	QW316BR	69.8K	QW2698BR	1M	QW4100BR
348	QW0348BR	3.24K	QW1324BR	17.4K	QW2174BR	71.5K	QW2715BR		
392	QW0392BR	3.32K	QW1332BR	17.8K	QW2178BR	75K	QW375BR		

## SPECIFICATIONS

### Electrical Characteristics @ 70°C

NTE Number	Resistance Range (Ohms)	Tolerance (%)	Voltage (Volts)	Operating temperature (T <sub>opt</sub> )	Temperature Coefficient (PPM/°C)
QW010BR thru QW4100BR	10 to 1M	1	250	-55° to +155°C	100

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

NTE Number	Body Length (L)	Body Diameter (D)	Lead Diameter (d)	Lead Length (LL)
QW010BR thru QW4100BR	0.256 (6.5)	0.094 (2.4)	0.024 (0.6)	1.024 (26.0)

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

