

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 _{opt}) | 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.

