

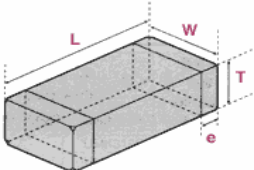
TAIYO-AQ105-V1

Taiyo Yuden 0402 High Frequency High Q Inductor Kit

| Part No. | Inductance | Maximum Rated Current (mA) (-55 ~ +125°C) | Maximum DC Resistance (Ω) | Sample Qty. |
|-------------|----------------|--|---------------------------|-------------|
| AQ1051N0S-T | 1.0nH +/-0.3nH | 510mA | 0.07 Ω | 20 |
| AQ1051N2S-T | 1.2nH +/-0.3nH | 510mA | 0.07 Ω | 20 |
| AQ1051N5S-T | 1.5nH +/-0.3nH | 510mA | 0.07 Ω | 20 |
| AQ1051N8S-T | 1.8nH +/-0.3nH | 510mA | 0.07 Ω | 20 |
| AQ1052N0S-T | 2.0nH +/-0.3nH | 480mA | 0.08 Ω | 20 |
| AQ1052N2S-T | 2.2nH +/-0.3nH | 480mA | 0.08 Ω | 20 |
| AQ1052N4S-T | 2.4nH +/-0.3nH | 450mA | 0.09 Ω | 20 |
| AQ1052N7S-T | 2.7nH +/-0.3nH | 450mA | 0.09 Ω | 20 |
| AQ1053N0S-T | 3.0nH +/-0.3nH | 400mA | 0.11 Ω | 20 |
| AQ1053N3S-T | 3.3nH +/-0.3nH | 390mA | 0.12 Ω | 20 |
| AQ1053N6S-T | 3.6nH +/-0.3nH | 360mA | 0.14 Ω | 20 |
| AQ1053N9S-T | 3.9nH +/-0.3nH | 350mA | 0.15 Ω | 20 |
| AQ1054N3S-T | 4.3nH +/-0.3nH | 330mA | 0.16 Ω | 20 |
| AQ1054N7S-T | 4.7nH +/-0.3nH | 320mA | 0.17 Ω | 20 |
| AQ1055N1S-T | 5.1nH +/-0.3nH | 310mA | 0.19 Ω | 20 |
| AQ1055N6S-T | 5.6nH +/-0.3nH | 300mA | 0.20 Ω | 20 |
| AQ1056N2S-T | 6.2nH +/-0.3nH | 290mA | 0.22 Ω | 20 |
| AQ1056N8J-T | 6.8nH +/-5% | 280mA | 0.23 Ω | 20 |
| AQ1057N5J-T | 7.5nH +/-5% | 270mA | 0.25 Ω | 20 |
| AQ1058N2J-T | 8.2nH +/-5% | 260mA | 0.27 Ω | 20 |
| AQ1059N1J-T | 9.1nH +/-5% | 250mA | 0.29 Ω | 20 |
| AQ10510NJ-T | 10nH +/-5% | 240mA | 0.31 Ω | 20 |
| AQ10512NJ-T | 12nH +/-5% | 210mA | 0.39 Ω | 20 |
| AQ10515NJ-T | 15nH +/-5% | 200mA | 0.45 Ω | 20 |

* All components in this kit are RoHS compliant. Specifications subject to change without notice. Components in this kit are for design trial and testing performance and are not intended for use in mass production.

| Physical Dimensions | |
|---------------------|-------------------------------|
| L | 1 ± 0.05 (0.039 ± 0.002) |
| W | 0.6 ± 0.1 (0.024 ± 0.04) |
| T | 0.5 ± 0.05 (0.02 ± 0.002) |
| e | 0.175 ± 0.075 (0.007 ± 0.003) |
| Unit: mm (inches) | |



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