

# Designer's Kit

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## Kit Contents for C417:

- MSS1246T High Temperature Power Inductors
- 33 values, 3 of each

## Part Number Table

| Inductance  | Current Rating | Part Number     |
|-------------|----------------|-----------------|
| 1 $\mu$ H   | 22.24A         | MSS1246T-102MLB |
| 1.5 $\mu$ H | 17.08A         | MSS1246T-152MLB |
| 2.7 $\mu$ H | 14.16A         | MSS1246T-272MLB |
| 3.3 $\mu$ H | 11.98A         | MSS1246T-332MLB |
| 4.7 $\mu$ H | 10.42A         | MSS1246T-472MLB |
| 5.6 $\mu$ H | 9.44A          | MSS1246T-562MLB |
| 6.8 $\mu$ H | 9A             | MSS1246T-682MLB |
| 8.2 $\mu$ H | 8.32A          | MSS1246T-822MLB |
| 10 $\mu$ H  | 7.18A          | MSS1246T-103MLB |
| 12 $\mu$ H  | 6.52A          | MSS1246T-123MLB |
| 15 $\mu$ H  | 5.78A          | MSS1246T-153MLB |
| 18 $\mu$ H  | 5.32A          | MSS1246T-183MLB |
| 22 $\mu$ H  | 4.75A          | MSS1246T-223MLB |
| 27 $\mu$ H  | 4.32A          | MSS1246T-273MLB |
| 33 $\mu$ H  | 3.96A          | MSS1246T-333MLB |
| 39 $\mu$ H  | 3.72A          | MSS1246T-393MLB |
| 47 $\mu$ H  | 3.34A          | MSS1246T-473MLB |

| Inductance   | Current Rating | Part Number     |
|--------------|----------------|-----------------|
| 56 $\mu$ H   | 3.02A          | MSS1246T-563MLB |
| 68 $\mu$ H   | 2.74A          | MSS1246T-683MLB |
| 82 $\mu$ H   | 2.46A          | MSS1246T-823MLB |
| 100 $\mu$ H  | 2.24A          | MSS1246T-104MLB |
| 120 $\mu$ H  | 2.04A          | MSS1246T-124KLB |
| 150 $\mu$ H  | 1.82A          | MSS1246T-154KLB |
| 180 $\mu$ H  | 1.68A          | MSS1246T-184KLB |
| 220 $\mu$ H  | 1.5A           | MSS1246T-224KLB |
| 270 $\mu$ H  | 1.36A          | MSS1246T-274KLB |
| 330 $\mu$ H  | 1.2A           | MSS1246T-334KLB |
| 390 $\mu$ H  | 1.1A           | MSS1246T-394KLB |
| 470 $\mu$ H  | 1A             | MSS1246T-474KLB |
| 560 $\mu$ H  | 0.956A         | MSS1246T-564KLB |
| 680 $\mu$ H  | 0.882A         | MSS1246T-684KLB |
| 820 $\mu$ H  | 0.792A         | MSS1246T-824KLB |
| 1000 $\mu$ H | 0.728A         | MSS1246T-105KLB |