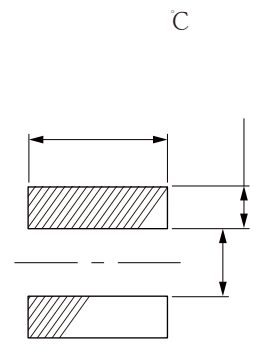
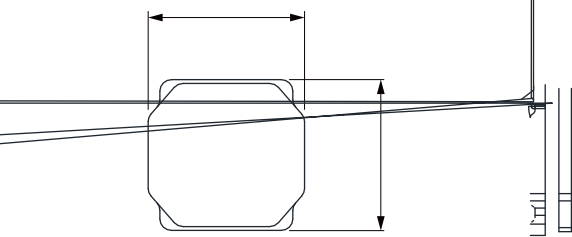


NRSM Series



| Part No | Inductance @ 1MHz/1V (μH) | Tolerance | Temperature Rise Current Typ. (A) | Temperature Rise Current Max. (A) | Saturation Current Typ. (A) | Saturation Current Max. (A) | DC Resistance Typ. (Ω) | DC Resistance Max. (Ω) |
|----------------|---------------------------|-----------|-----------------------------------|-----------------------------------|-----------------------------|-----------------------------|------------------------|------------------------|
| NRSM4012S-R47M | 0.47 | ±20% | 4.30 | 3.80 | 8.20 | 7.20 | 0.033 | 0.041 |
| NRSM4012S-R56M | 0.56 | ±20% | 3.80 | 3.20 | 7.00 | 6.00 | 0.040 | 0.050 |
| NRSM4012S-R68M | 0.68 | ±20% | 3.80 | 3.25 | 6.20 | 5.20 | 0.042 | 0.055 |
| NRSM4012S-1R0M | 1.00 | ±20% | 3.50 | 3.00 | 4.60 | 3.80 | 0.049 | 0.059 |
| NRSM4012S-1R5M | 1.50 | ±20% | 3.20 | 2.80 | 4.50 | 3.80 | 0.060 | 0.075 |
| NRSM4012S-2R2M | 2.20 | ±20% | 3.00 | 2.50 | 3.30 | 2.80 | 0.075 | 0.090 |
| NRSM4012S-3R3M | 3.30 | ±20% | 2.50 | 2.00 | 3.30 | 2.80 | 0.106 | 0.130 |
| NRSM4012S-4R7M | 4.70 | ±20% | 2.10 | 1.80 | 2.60 | 2.30 | 0.145 | 0.175 |
| NRSM4012S-6R8M | 6.80 | ±20% | 1.75 | 1.50 | 2.20 | 1.60 | 0.190 | 0.230 |
| NRSM4012S-8R2M | 8.20 | ±20% | 1.68 | 1.46 | 1.95 | 1.58 | 0.210 | 0.273 |
| NRSM4012S-100M | 10.0 | ±20% | 1.00 | 0.85 | 1.85 | 1.55 | 0.300 | 0.360 |
| NRSM4012S-220M | 22.0 | ±20% | 0.90 | 0.80 | 1.25 | 1.00 | 0.650 | 0.800 |

