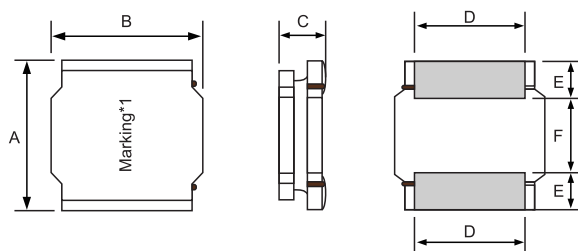


HNR3010S Series

TYPE

DIMENSION

HNR3010S



A: 3.0 ± 0.2
 B: 3.0 ± 0.2
 C: 1.0Max
 D: 2.5 ± 0.2
 E: 0.75 ± 0.2
 F: 1.5 ± 0.2

SPECIFICATION

| Part Number | Inductance @100kHz,1V | DC Resistance ($\pm 30\%$) | Min. Self-resonant Frequency | Saturation Current | Heat Rating Current |
|-----------------|--------------------------|---------------------------------|------------------------------------|-----------------------|------------------------|
| Units Symbol | μ H L | Ω DCR | MHz S.R.F | A Isat | A I _{rms} |
| HNR3010S1R0NT | 1.0 $\pm 30\%$ | 0.065 | 180 | 1.40 | 1.45 |
| HNR3010S1R5NT | 1.5 $\pm 30\%$ | 0.080 | 120 | 1.27 | 1.30 |
| HNR3010S2R2NT | 2.2 $\pm 30\%$ | 0.110 | 100 | 1.15 | 1.09 |
| HNR3010S2R7NT | 2.7 $\pm 30\%$ | 0.130 | 90 | 1.00 | 1.02 |
| HNR3010S3R3NT | 3.3 $\pm 30\%$ | 0.145 | 74 | 0.97 | 0.96 |
| HNR3010S3R6MT | 3.6 $\pm 20\%$ | 0.165 | 67 | 0.95 | 0.90 |
| HNR3010S4R7MT | 4.7 $\pm 20\%$ | 0.225 | 59 | 0.75 | 0.77 |
| HNR3010S6R8MT | 6.8 $\pm 20\%$ | 0.305 | 42 | 0.55 | 0.66 |
| HNR3010S100MT | 10 $\pm 20\%$ | 0.400 | 39 | 0.55 | 0.58 |
| HNR3010S120MT | 12 $\pm 20\%$ | 0.505 | 36 | 0.43 | 0.52 |
| HNR3010S150MT | 15 $\pm 20\%$ | 0.610 | 30 | 0.42 | 0.47 |
| HNR3010S220MT | 22 $\pm 20\%$ | 0.930 | 28 | 0.35 | 0.38 |
| HNR3010S270MT | 27 $\pm 20\%$ | 1.080 | 25 | 0.30 | 0.35 |
| HNR3010S330MT | 33 $\pm 20\%$ | 1.550 | 18 | 0.29 | 0.30 |
| HNR3010S390MT | 39 $\pm 20\%$ | 1.750 | 18 | 0.28 | 0.28 |
| HNR3010S430MT | 43 $\pm 20\%$ | 1.800 | 18 | 0.23 | 0.27 |
| HNR3010S470MT | 47 $\pm 20\%$ | 1.950 | 18 | 0.22 | 0.26 |
| HNR3010S510MT | 51 $\pm 20\%$ | 2.200 | 18 | 0.21 | 0.25 |
| HNR3010S560MT | 56 $\pm 20\%$ | 2.320 | 16 | 0.21 | 0.24 |

can design any part to your requirements with different inductance.

* All parameters as this content presented are subject to final specifications both sides confirmed.