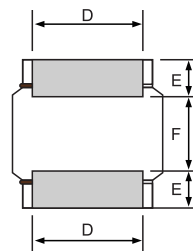
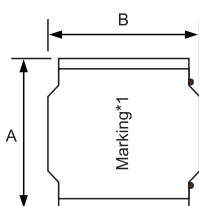


HNR8040S Series

TYPE

DIMENSION

HNR8040S



A:8.0±0.3
B:8.0±0.3
C:4.2Max
D:6.3±0.3
E:2.00±0.3
F:4.0±0.3

SPECIFICATION

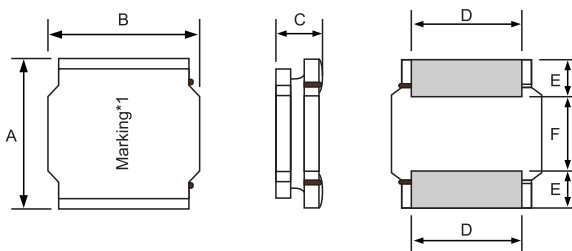
| Part Number | Inductance @100kHz,1V | DC Resistance (± 30%) | Min. Self-resonant Frequency | Saturation Current | Heat Rating Current |
|-----------------|--------------------------|--------------------------|------------------------------------|-----------------------|------------------------|
| Units Symbol | μH L | Ω DCR | MHz S.R.F | A Isat | A Irms |
| HNR8040SR82NT | 0.82 ± 30% | 0.008 | 94 | 13.8 | 6.30 |
| HNR8040S1R0NT | 1.0 ± 30% | 0.008 | 89 | 9.85 | 6.30 |
| HNR8040S1R5NT | 1.5 ± 30% | 0.010 | 67 | 8.15 | 5.65 |
| HNR8040S2R0NT | 2.0 ± 30% | 0.012 | 43 | 9.25 | 5.15 |
| HNR8040S2R2NT | 2.2 ± 30% | 0.012 | 41 | 7.10 | 5.15 |
| HNR8040S3R0NT | 3.0 ± 30% | 0.014 | 32 | 6.10 | 4.70 |
| HNR8040S3R3NT | 3.3 ± 30% | 0.017 | 27 | 6.50 | 4.40 |
| HNR8040S3R6NT | 3.6 ± 30% | 0.017 | 30 | 7.52 | 4.35 |
| HNR8040S3R9NT | 3.9 ± 30% | 0.017 | 26 | 5.75 | 4.35 |
| HNR8040S4R7NT | 4.7 ± 30% | 0.019 | 24 | 5.90 | 4.10 |
| HNR8040S5R1NT | 5.1 ± 30% | 0.019 | 22 | 4.70 | 4.05 |
| HNR8040S5R6NT | 5.6 ± 30% | 0.021 | 24 | 6.00 | 3.85 |
| HNR8040S6R2NT | 6.2 ± 30% | 0.021 | 20 | 4.45 | 3.85 |
| HNR8040S6R8MT | 6.8 ± 20% | 0.024 | 20 | 4.55 | 3.60 |
| HNR8040S8R2MT | 8.2 ± 20% | 0.026 | 17 | 4.20 | 3.45 |
| HNR8040S100MT | 10 ± 20% | 0.029 | 15 | 3.60 | 3.30 |
| HNR8040S150MT | 15 ± 20% | 0.047 | 12 | 2.95 | 2.60 |
| HNR8040S180MT | 18 ± 20% | 0.053 | 11 | 2.70 | 2.40 |

HNR8040S Series

TYPE

DIMENSION

HNR8040S



A:8.0±0.3
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E:2.00±0.3
F:4.0±0.3

SPECIFICATION

| Part Number | Inductance @100kHz,1V | DC Resistance (± 30%) | Min. Self-resonant Frequency | Saturation Current | Heat Rating Current |
|-----------------|--------------------------|--------------------------|------------------------------------|-----------------------|------------------------|
| Units Symbol | μH L | Ω DCR | MHz S.R.F | A Isat | A Irms |
| HNR8040S220MT | 22 ± 20% | 0.069 | 9.5 | 2.40 | 2.10 |
| HNR8040S270MT | 27 ± 20% | 0.078 | 9.2 | 2.15 | 2.00 |
| HNR8040S330MT | 33 ± 20% | 0.097 | 7.8 | 2.05 | 1.80 |
| HNR8040S360MT | 36 ± 20% | 0.102 | 7.8 | 2.00 | 1.75 |
| HNR8040S390MT | 39 ± 20% | 0.107 | 7.8 | 1.95 | 1.70 |
| HNR8040S430MT | 43 ± 20% | 0.113 | 7.8 | 1.90 | 1.65 |
| HNR8040S470MT | 47 ± 20% | 0.136 | 6.4 | 1.75 | 1.55 |
| HNR8040S510MT | 51 ± 20% | 0.142 | 6.4 | 1.70 | 1.50 |
| HNR8040S560MT | 56 ± 20% | 0.148 | 6.4 | 1.55 | 1.45 |
| HNR8040S620MT | 62 ± 20% | 0.182 | 6.4 | 1.50 | 1.30 |
| HNR8040S680MT | 68 ± 20% | 0.196 | 4.9 | 1.45 | 1.25 |
| HNR8040S750MT | 75 ± 20% | 0.211 | 4.9 | 1.35 | 1.20 |
| HNR8040S820MT | 82 ± 20% | 0.225 | 5.9 | 1.30 | 1.15 |
| HNR8040S910MT | 91 ± 20% | 0.272 | 4.9 | 1.20 | 1.05 |
| HNR8040S101MT | 100 ± 20% | 0.290 | 4.2 | 1.15 | 1.00 |
| HNR8040S121MT | 120 ± 20% | 0.334 | 3.5 | 1.05 | 0.95 |
| HNR8040S151MT | 150 ± 20% | 0.410 | 3.5 | 1.10 | 0.85 |
| HNR8040S221MT | 220 ± 20% | 0.599 | 3.5 | 0.85 | 0.80 |
| HNR8040S331MT | 330 ± 20% | 0.889 | 2.8 | 0.68 | 0.64 |

* Hong can design any part to your requirements with different inductance.

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