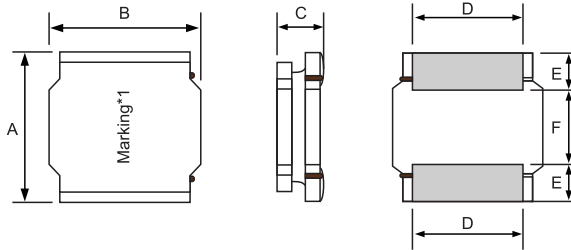


HNR4012S Series

TYPE

DIMENSION

HNR4012S



A: 4.0 ± 0.2
 B: 4.0 ± 0.2
 C: 1.2Max
 D: 3.3 ± 0.2
 E: 0.95 ± 0.2
 F: 2.1 ± 0.2

SPECIFICATION

Part Number	Inductance @100kHz,1V	DC Resistance ($\pm 30\%$)	Min. Self-resonant Frequency	Saturation Current	Heat Rating Current
Units Symbol	μH L	Ω DCR	MHz S.R.F	A Isat	A Irms
HNR4012SR82NT	$0.82 \pm 30\%$	0.050	150	3.02	1.65
HNR4012S1R0NT	$1.0 \pm 30\%$	0.050	120	2.61	1.65
HNR4012S1R5NT	$1.5 \pm 30\%$	0.065	90	2.10	1.46
HNR4012S1R8NT	$1.8 \pm 30\%$	0.080	88	2.12	1.32
HNR4012S2R2NT	$2.2 \pm 30\%$	0.080	74	1.76	1.32
HNR4012S2R7NT	$2.7 \pm 30\%$	0.090	71	1.90	1.25
HNR4012S3R3NT	$3.3 \pm 30\%$	0.110	60	1.72	1.12
HNR4012S3R6NT	$3.6 \pm 30\%$	0.110	57	1.20	1.12
HNR4012S4R3NT	$4.3 \pm 30\%$	0.140	54	1.58	1.00
HNR4012S4R7NT	$4.7 \pm 30\%$	0.125	50	1.15	1.05
HNR4012S5R1NT	$5.1 \pm 30\%$	0.155	50	1.55	0.95
HNR4012S5R6NT	$5.6 \pm 30\%$	0.140	42	1.00	1.00
HNR4012S6R8MT	$6.8 \pm 20\%$	0.198	40	0.85	0.84
HNR4012S100MT	$10 \pm 20\%$	0.265	33	0.80	0.77
HNR4012S120MT	$12 \pm 20\%$	0.290	32	0.66	0.70
HNR4012S150MT	$15 \pm 20\%$	0.340	25	0.56	0.64
HNR4012S180MT	$18 \pm 20\%$	0.470	23	0.55	0.55
HNR4012S220MT	$22 \pm 20\%$	0.587	20	0.46	0.49
HNR4012S270MT	$27 \pm 20\%$	0.720	18	0.50	0.45
HNR4012S330MT	$33 \pm 20\%$	0.810	17	0.42	0.42
HNR4012S360MT	$36 \pm 20\%$	0.900	14	0.40	0.40
HNR4012S390MT	$39 \pm 20\%$	1.100	16	0.55	0.37
HNR4012S470MT	$47 \pm 20\%$	1.100	12	0.35	0.37
HNR4012S560MT	$56 \pm 20\%$	1.250	11	0.33	0.33
HNR4012S680MT	$68 \pm 20\%$	1.950	11	0.38	0.27
HNR4012S820MT	$82 \pm 20\%$	2.140	11	0.28	0.26
HNR4012S101MT	$100 \pm 20\%$	2.210	9.4	0.25	0.25

can design any part to your requirements with different inductance.

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