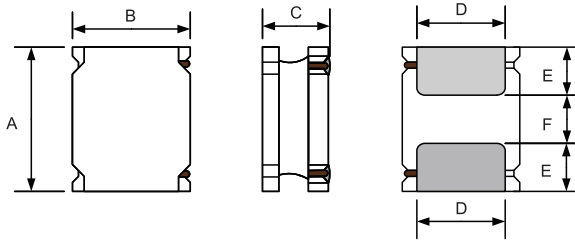


## HNR252012S Series

### TYPE

### DIMENSION

HNR252012S



A: 2.5 ± 0.1  
 B: 2.0 ± 0.1  
 C: 1.2 Max  
 D: 1.5 ± 0.2  
 E: 0.80 ± 0.2  
 F: 0.80 ± 0.2

### SPECIFICATION

Part Number	Inductance @100kHz,1V	DC Resistance		Min.	Saturation Current		Heat Rating
		Max.	Typ.	Self-resonant Frequency	Max.	Typ.	Current
-	-	Ω	Ω	Min.	A	A	Typ.
Units	μH	DCR		MHz	Isat		A
Symbol	L			S.R.F			I <sub>rms</sub>
HNR252012SR47NT	0.47 ± 30%	0.056	0.047	160	3.82	4.27	2.15
HNR252012SR68NT	0.68 ± 30%	0.068	0.057	140	3.28	3.68	1.95
HNR252012S1R0NT	1.0 ± 30%	0.083	0.069	110	2.59	2.90	1.93
HNR252012S1R2NT	1.2 ± 30%	0.119	0.099	100	2.38	2.67	1.46
HNR252012S1R5MT	1.5 ± 20%	0.136	0.113	97	2.24	2.51	1.40
HNR252012S2R2MT	2.2 ± 20%	0.199	0.166	69	1.85	2.07	1.15
HNR252012S2R7MT	2.7 ± 20%	0.221	0.184	63	1.72	1.92	1.09
HNR252012S3R3MT	3.3 ± 20%	0.244	0.203	62	1.61	1.80	1.04
HNR252012S3R6MT	3.6 ± 20%	0.322	0.268	53	1.46	1.64	0.90
HNR252012S4R3MT	4.3 ± 20%	0.348	0.290	51	1.37	1.53	0.87
HNR252012S4R7MT	4.7 ± 20%	0.348	0.290	47	1.12	1.25	0.84
HNR252012S5R1MT	5.1 ± 20%	0.462	0.385	44	1.23	1.37	0.75
HNR252012S5R6MT	5.6 ± 20%	0.497	0.414	38	1.11	1.25	0.73
HNR252012S6R2MT	6.2 ± 20%	0.500	0.417	38	1.03	1.16	0.73
HNR252012S6R8MT	6.8 ± 20%	0.536	0.447	38	0.98	1.09	0.69
HNR252012S7R5MT	7.5 ± 20%	0.564	0.470	35	0.97	1.09	0.68
HNR252012S8R2MT	8.2 ± 20%	0.607	0.506	36	0.98	1.10	0.65
HNR252012S9R1MT	9.1 ± 20%	0.637	0.531	34	0.91	1.02	0.62
HNR252012S100MT	10 ± 20%	0.637	0.531	34	0.79	0.88	0.62
HNR252012S120MT	12 ± 20%	0.992	0.827	28	0.78	0.88	0.51
HNR252012S150MT	15 ± 20%	1.469	1.224	25	0.68	0.77	0.42
HNR252012S220MT	22 ± 20%	1.824	1.520	20	0.53	0.59	0.38

can design any part to your requirements with different inductance.

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