

HR310101-XXX

Electrical Specification @25°C

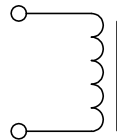
Part Number	Inductance ($\mu\text{H} \pm 20\%$)	Isat(1) (A)	Irms(2) (A)	DCR (ohms Max)	Test Frequency
HR310101-R47	0.47	14.0	10.0	0.007	100KHz
HR310101-R68	0.68	12.0	8.00	0.008	100KHz
HR310101-1R0	1.00	9.00	6.80	0.009	100KHz
HR310101-1R5	1.50	8.00	6.40	0.010	100KHz
HR310101-2R2	2.20	7.00	6.10	0.012	100KHz
HR310101-3R3	3.30	6.40	5.40	0.015	100KHz
HR310101-4R7	4.70	5.40	4.80	0.018	100KHz
HR310101-5R0	5.00	5.10	4.50	0.023	100KHz
HR310101-6R8	6.80	4.60	4.40	0.027	100KHz
HR310101-100	10.0	3.80	3.90	0.038	100KHz
HR310101-150	15.0	3.00	3.10	0.046	100KHz
HR310101-220	22.0	2.60	2.70	0.085	100KHz
HR310101-330	33.0	2.00	2.10	0.100	100KHz
HR310101-470	47.0	1.60	1.80	0.140	100KHz
HR310101-500	50.0	1.50	1.70	0.160	100KHz
HR310101-680	68.0	1.40	1.50	0.200	100KHz
HR310101-101	100.0	1.20	1.30	0.280	100KHz
HR310101-151	150.0	1.00	1.00	0.400	100KHz
HR310101-201	200.0	0.90	0.90	0.700	100KHz
HR310101-251	250.0	0.80	0.80	0.820	100KHz
HR310101-331	330.0	0.60	0.60	1.020	100KHz
HR310101-471	470.0	0.50	0.50	1.270	100KHz
HR310101-681	680.0	0.40	0.40	2.020	100KHz
HR310101-102	1000.0	0.30	0.30	3.000	100KHz
HR310101-502	5000.0	0.10	0.10	12.00	100KHz

Notes:

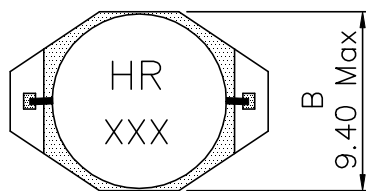
- (1) Inductance drop 10% typical at Isat
- (2) For 40°C temperature rise typical at Irms

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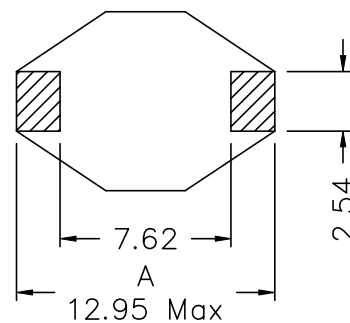
Schematics



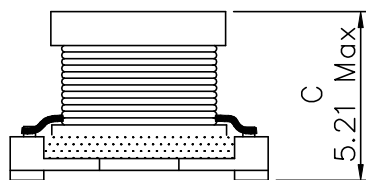
Mechanical Dimensions



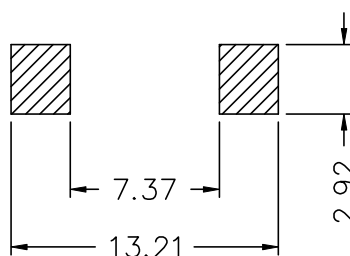
(TOP VIEW)



(BOTTOM VIEW)



(FRONT VIEW)



(SUGGESTED MOUNTING PAD)

Unless otherwise specified,
Tol.: .xx ±0.25 (mm)