

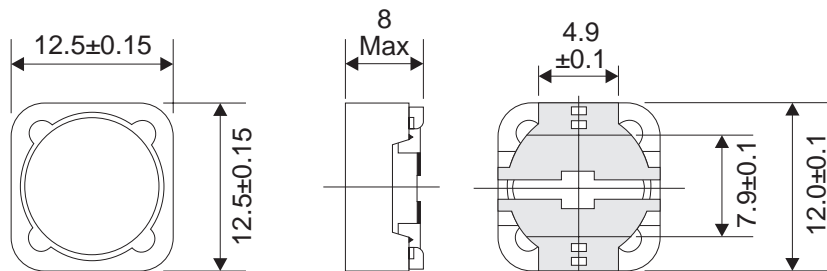


SMT Power Inductors

D335 Series

GENERAL CHARACTERISTICS

- Ideal for a variety of DC-DC converter inductor applications.
- Available on tape and reel for automatic insertion.
- Low DC resistance and large permissible DC current.
- This can be surface mount assembly and reflow soldering is also possible.



■ Electrode

UNIT: (m/m)

Electrical Specifications

PART NUMBER	INDUCTANCE L (μH) ±20%	L TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) MAX	RATED DC CURRENT (A) MAX
D335-1R2M	1.2	1	0.020	9.0
D335-1R5M	1.5	1	0.022	7.9
D335-2R2M	2.2	1	0.023	7.4
D335-3R3M	3.3	1	0.024	6.4
D335-4R7M	4.7	1	0.026	5.9
D335-5R6M	5.6	1	0.027	5.5
D335-6R8M	6.8	1	0.029	5.0
D335-8R2M	8.2	1	0.030	4.9
D335-100M	10.0	1	0.033	4.0
D335-120M	12.0	1	0.037	3.8
D335-150M	15.0	1	0.040	3.6
D335-180M	18.0	1	0.044	3.2
D335-220M	22.0	1	0.047	3.0
D335-270M	27.0	1	0.056	2.9
D335-330M	33.0	1	0.062	2.7
D335-390M	39.0	1	0.066	2.4
D335-470M	47.0	1	0.078	2.2
D335-560M	56.0	1	0.098	2.1
D335-680M	68.0	1	0.010	1.8
D335-820M	82.0	1	0.012	1.6
D335-101M	100.0	1	0.013	1.5
D335-121M	120.0	1	0.017	1.4
D335-151M	150.0	1	0.019	1.3
D335-181M	180.0	1	0.025	1.1
D335-221M	220.0	1	0.029	1.0
D335-271M	270.0	1	0.031	0.90
D335-331M	330.0	1	0.045	0.81
D335-391M	390.0	1	0.050	0.79
D335-471M	470.0	1	0.073	0.70
D335-561M	560.0	1	0.080	0.64
D335-681M	680.0	1	0.091	0.60
D335-821M	820.0	1	1.000	0.56
D335-102M	1000.0	1	1.350	0.49

*Maximum allowable current is DC current which causes 10% inductance reduction of the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)