

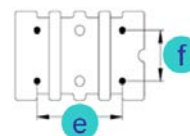
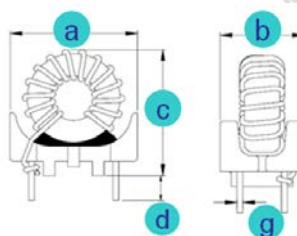
A. Electrical Specifications:

Part Number	Inductance (uH)	DCR (Ω) Max.	Rated Current (A) rms.
3051-01_H	80	0.050	0.50
3051-02_H	100	0.500	0.50
3051-03_H	440	0.080	0.80
3051-04_H	1000	0.100	0.80
3051-05_H	3000	1.000	0.50
3051-06_H	3300	0.250	0.50
3051-07_H	6800	0.350	0.50

Note: “_”: Tolerance, H – Internal control code.

B. Dimensions: mm (Inch)

Series	a	b	c	d	e	f	g
3051 Series	20.0 (0.787)	12.0 (0.472)	22.0 (0.866)	4.0 (0.157)	15.0 (0.591)	6.0 (0.236)	1.0 (0.039)
Tol.	Max.	Max.	Max.	±1.0 (0.039)	±0.5 (0.020)	±0.5 (0.020)	±0.1 (0.004)



C. General Information:

1. Tolerance “_”: N: ±30%, M: ± 20%.
2. Test Condition: 1.0 KHz / 1V.
3. Electrical specifications at 25°C
4. Maximum Temperature Rise: 40°C (when measured at 25°C ambient).
5. Rated Voltage: 100 to 270V / 50-60 Hz.
6. Withstanding Voltage: 1500VAC for one minute.
7. Insulation Resistance: 100 MΩ at 500VDC.
8. Operating temperature: -20°C to +105°C
9. MSL: Level 1.

D. Applications:

1. Computers & Game Consoles
2. Set Top Boxes & Cables Modems
3. Mobile Communication Devices (Radios, etc.)
4. LCD, DVD, BRP