

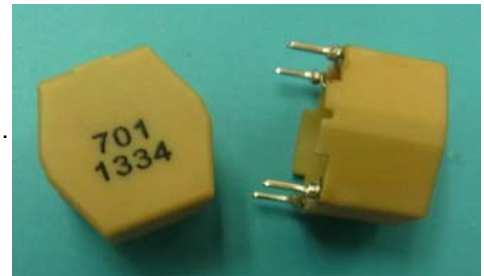


DCM181713H Series

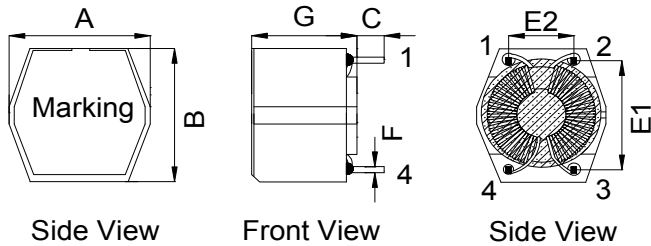


1. Features:

- 18.0×17.5mm Max.(L×W), 13.0mm Max. Height.
- Inductance range: 0.70mH~39.0mH, Custom values are welcomed.
- Ideally used as AC common mode noise filter for TV, VCR, Switch Mode Power Supply, Inverter, Industrial Equipment. attenuation and control unit with better characteristics in low frequency band.
- Dielectric strength: 1500Vrms, winding to winding.
- UL Class B Compliance Common Mode Chokes.
- Operating temperature: -55 to +130°C .



2. Mechanical Dimension (Unit:mm):



Unit in mm:

A	B	C	E1	E2	F	G
Max.	Max.	±0.5	±0.5	±0.5	Typical	Max.
17.50	18.00	3.00	15.0	10.0	0.64x0.64	13.0

3. Electrical Characteristic of DCM181713H Series:

Part Number	L (mH) ±30%	I _{rate} (A) Max	DCR (Ω) Max
DCM181713H-701NHF	0.7	5.0	0.027
DCM181713H-102NHF	1.0	2.5	0.055
DCM181713H-222NHF	2.2	2.0	0.090
DCM181713H-332NHF	3.3	1.5	0.140
DCM181713H-682NHF	6.8	1.2	0.280
DCM181713H-103NHF	10.0	0.7	0.500
DCM181713H-153NHF	15.0	0.5	0.780
DCM181713H-273NHF	27.0	0.4	1.200
DCM181713H-393NHF	39.0	0.3	1.700

Test Condition:

1. Open Circuit Inductance (OCL) measured at 10KHz, 0.05Vrms, 0 Amp at 25°C.
2. I_{rate} is defined as the applied current level that cause 35 °C temperature rise without force air flow.
3. Impedance measures with both windings in parallel and at ambient temperature(25°C).

4. Impedance vs. Frequency Curve:

