



# DCM333320H Series

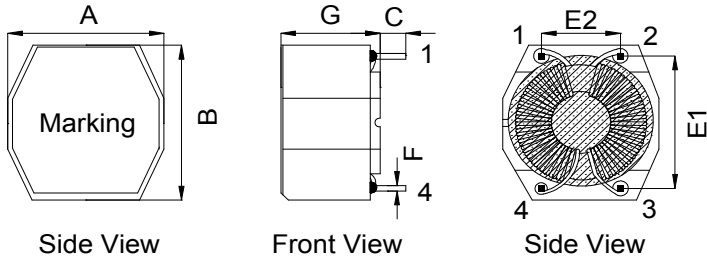


## 1. Features:

- 33.5×33.5mm Max.(L×W), 20.5mm Max. Height.
- Inductance range: 1.8mH~27.0mH, Custom values are welcomed.
- Ideally used as AC common mode noise filter for TV, VCR, Switching Mode Power Supply, Inverter & Industrial Equipment Applications. 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, RoHS & HF compliance.



## 2. Mechanical Dimension (Unit:mm):



Unit in mm:

A	B	C	D	E	F	G
Max	Max	±0.5	±0.5	±0.5	Typical	Max
33.50	33.50	3.00	30.00	20.00	0.64x0.64	20.50

## 3. Electrical Characteristic of DCM333320H Series:

Part Number	L (mH) ±30%	I <sub>rate</sub> (A) Max	DCR (Ω) Max
DCM333320H-182NHF	1.8	6.0	0.036
DCM333320H-332NHF	3.3	4.0	0.070
DCM333320H-103NHF	10.0	3.0	0.155
DCM333320H-273NHF	27.0	1.6	0.400

### Test Condition:

1. Open Circuit Inductance (OCL) measured at 10KHz, 0.05Vrms, 0 Amp at at 25°C.
2. I<sub>rate</sub> 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:

