

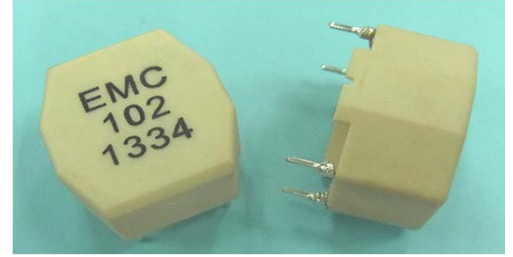


# DCM232315H Series

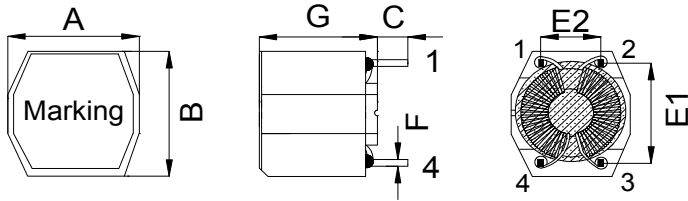


## 1. Features:

- 23.0×23.0mm Max.(L×W), 15.5mm Max. Height.
- Inductance range: 1.0mH~20.0mH, Custom values are welcomed.
- Ideally used as AC common mode noise filter for TV, VCR, Switch Mode Power Supply, Inverter and 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):



Side View

Front View

Side View

Unit in mm:

A	B	C	E1	E2	F	G
Max.	Max.	±0.5	±0.5	±0.5	Typical	Max.
23.00	23.00	3.00	20.0	12.5	0.64x0.64	15.5

## 3. Electrical Characteristic of DCM232315H Series:

Part Number	L (mH) ±30%	I <sub>rate</sub> (A) Max	DCR (Ω) Max
DCM232315H-102NHF	1.0	5.0	0.035
DCM232315H-222NHF	2.2	3.0	0.065
DCM232315H-332NHF	3.3	2.0	0.120
DCM232315H-103NHF	10.0	1.5	0.260
DCM232315H-203NHF	20.0	0.7	0.520

### Test Condition:

1. Open Circuit Inductance (OCL) measured at 10KHz, 0.05Vrms, 0 Amp 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:

