

DCM191320V Series



1. Features of DCM191320V Series:

- 18.5×13.0mm Max.(L×W),20.0mm Max. Height
- Inductance range: 3.50mH~47.0mH, 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 Compliant Common Mode Chokes
- Operating temperature: -55 to +130°C
- RoHS & HF compliant



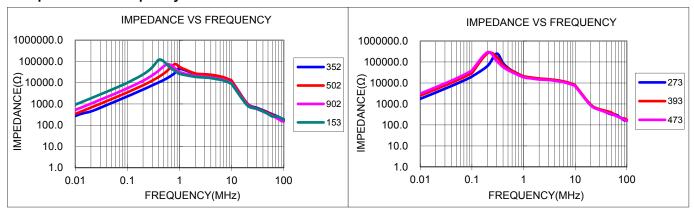
2. Electrical Characteristics of DCM191320V Series:

Part Number	L (mH) ±30%	Irate (A) Max	DCR (Ω) Max
DCM191320V-352NHF	3.5	1.80	0.230
DCM191320V-502NHF	5.0	1.20	0.350
DCM191320V-902NHF	9.0	1.00	0.500
DCM191320V-153NHF	15.0	0.63	0.960
DCM191320V-273NHF	27.0	0.50	1.650
DCM191320V-393NHF	39.0	0.40	2.300
DCM191320V-473NHF	47.0	0.35	2.750

3. Mechanical Dimensions (unit:mm):

Α	В	С	D	E1	E2	F
Max.	Max.	±0.5	Max.	±0.5	±0.5	Ref.
18.5	13.0	3.5	20.0	10.0	15.0	0.6
		4	B Q O 5			
Front View Side View 1 8 Bottom View						

4. Impedance vs Frequency Curve of DCM191320V Series:



Test Condition:

- 1. Open Circuit Inductance (OCL) measured at 10KHz, 0.05Vrms, 0 Amp at 25°C
- 2. Irate 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)
 - New York 1 914 347 2474 Taipei 886 2 2698 8669 Kaohsiung 886 7 350 2275
 - Tokyo 81 568 85 2830
 Shenzhen 86 755 8418 6263
 Shanghai 86 21 5424 5141
 Hong Kong 852 9688 9767
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