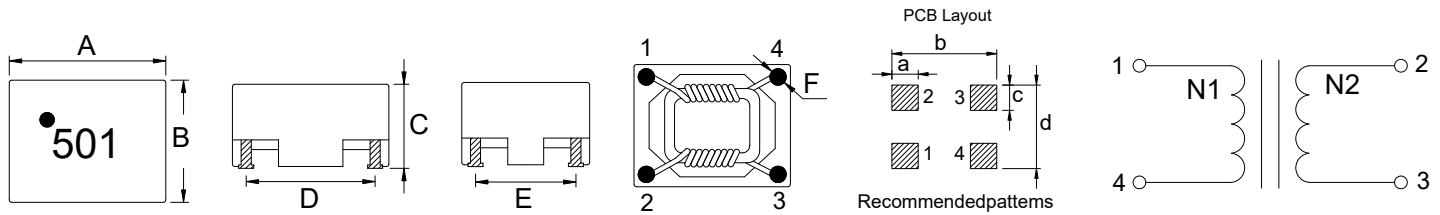


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	a	b	c	d	Q'Ty/Reel
AACM1005	9.5±0.3	8.3±0.3	5.3Max	7.5Ref	6.3Ref	1.2Ref	2.7Ref	10.3Ref	2.7Ref	8.9Ref	1000

2. Part Number Code

AACM 10 05 R 501 C
 A B C D E F

A: Series Name Common Mode Filters
 B: Dimensions(mm) 10: 9.5x8.3
 C: Thickness(mm) 05: 5.3 Max
 D: Tolerance R: Reference
 E: Impedance 501=500Ω
 F: Materials C: Type

3. Electrical Characteristics

Part Number	Common mode Impedance 100MHz (Ω)Typ	Inductance (uH) 100KHz/0.1V Typ	Leakage Inductance(uH) 1MHz/1mA Typ	DC Resistance (mΩ) Max.	Rated Current (A) Max.	Insulation Test Voltage (AC)Max.	Rated Voltage (V)
AACM1005R501C	500	5	0.57	6.5	5	500	80

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 3) Operating temperature range -40°C to +125°C,(Including self - temperature rise).
- 4) The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions. Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.