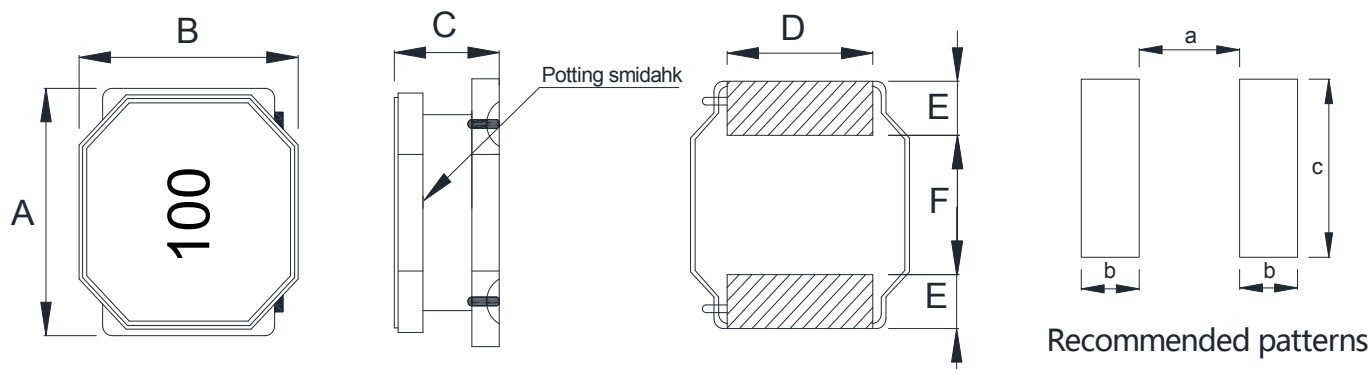


1. External Dimensions (Unit:m/m)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
AABG06P55	6.0±0.3	6.0±0.3	5.7Max	4.9	1.65	2.7	2.4	1.95	5.2	1000

2. Part Number Code

AABG	06	P	55	M	100
Series Name	Dimensions: L*W	Materials	Dimensions: H	Tolerance ±20%	Inductance

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Conditions	DC Resistance (mΩ) Max	DC Current Irms(A)	DC Current Isat(A)
AABG06P55M100	10	100K Hz/1V	54	2.7	3.3

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) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 5) Isat :DC current(A) that will cause I_o to drop approximately 35% .
- 6) The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions. Circuit design and other cooling provisions all affect the part temperature, part temperature should be verified in the end application.