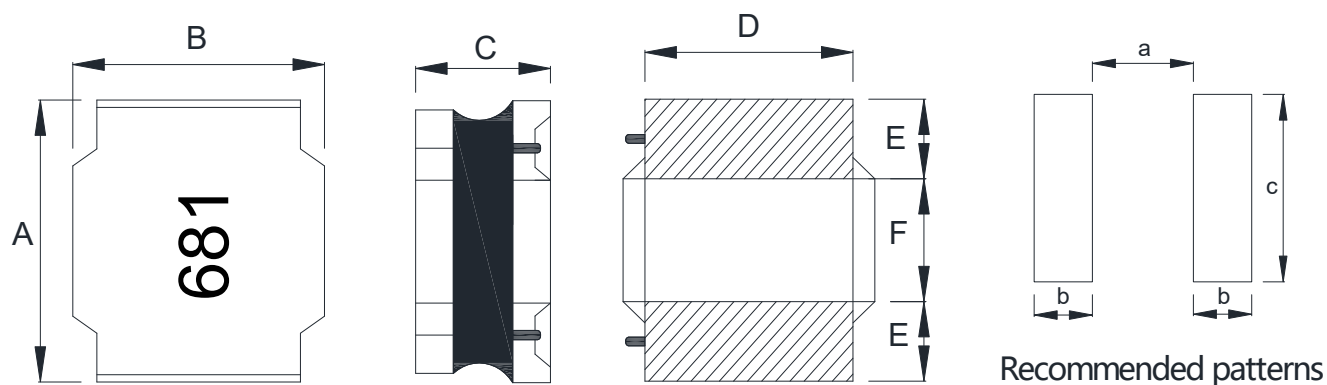


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
ANR8065	8.0±0.3	8.0±0.3	6.8Max	6.3	2.45	3.1	2.8	2.75	6.6	700

2. Part Number Code

ANR	80	65	M	681	A
Series Name	Dimensions: L*W	Dimensions: H	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	Resistance (Ω) ±30%	Heat Rating Current Irms(A)	Saturation Current Isat(A)
ANR8065M681A	680	100K Hz/1V	1.66	0.52	0.75

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 approximat 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.