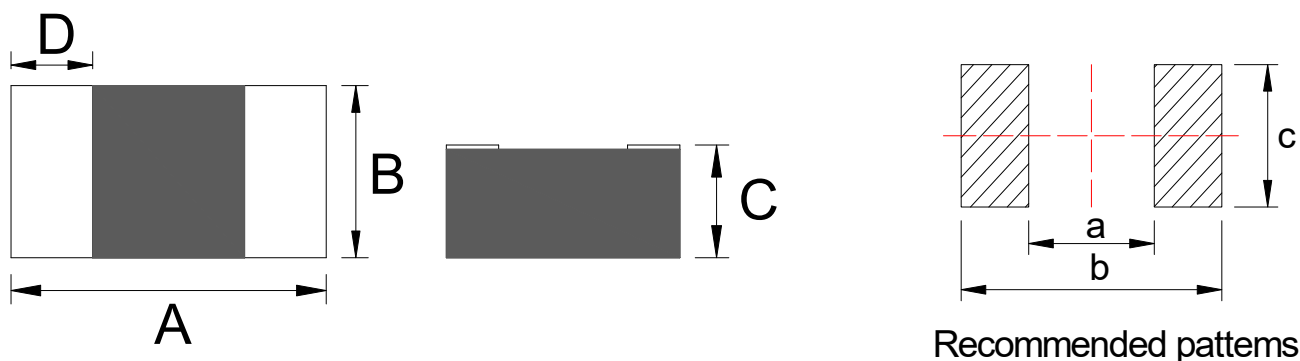


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
APS252010	2.5±0.2	2.0±0.2	1.05Max	0.7	1.2	2.8	2.3	3000

2. Part Number Code

APS	252010	M	R15	F
Series Name	Dimensions: L*W*H	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	DC Resistance (mΩ) Max.	Heat Rating Current Irms(A) Typ.	Saturation Current Isat(A) Typ.
APS252010MR15F	0.15	1MHz/1V	9.0	9.5	10.5

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +125°C (Including self - temperature rise).
- 3) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 4) Isat :DC current(A) that will cause I_o to drop approximately 40%.
- 5) 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.