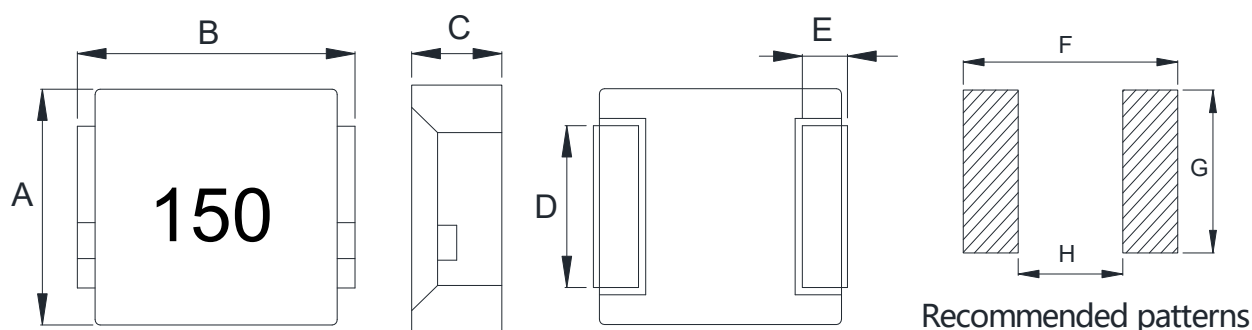


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	G Typ.	H Typ.	Q'TY/Reel
APS0640	6.6±0.3	7.7Max	4.0Max	3.0	1.6	8.4	3.5	3.7	1000

2. Part Number Code

APS	06	40	M	150	A
Series Name	Dimensions: L*W	Dimensions: 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.
APS0640M150A	10	100K Hz/1V	103	4.05	4.55

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.