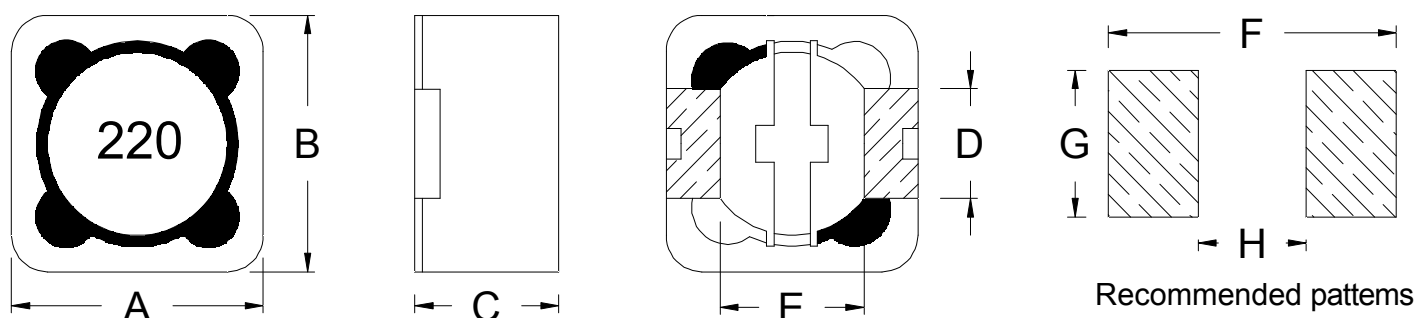


1. External Dimensions (Unit:m/m)



Type	A	B	C	D Ref	E Ref	F Ref	G Ref	H Ref	Q'TY/Reel
APW12A45	12.5Max	12.5Max	4.5Max	5	7.6	12.6	5.4	7	500

2. Part Number Code

APW	12	A	45	LC	M	220
Series Name	Dimensions: L*W	Materials	Dimensions: H	Internal controls	Tolerance ±20%	Inductance

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Saturation Current (A)Max.
APW12A45LCM220	22	100	0.066	2.9

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +105°C, (Including self - temperature rise).
- 3) Isat :DC current(A) that will cause I_o to drop approximately 35%.
- 4) The part temperature(ambient + temp rise)should not exceed 105°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.