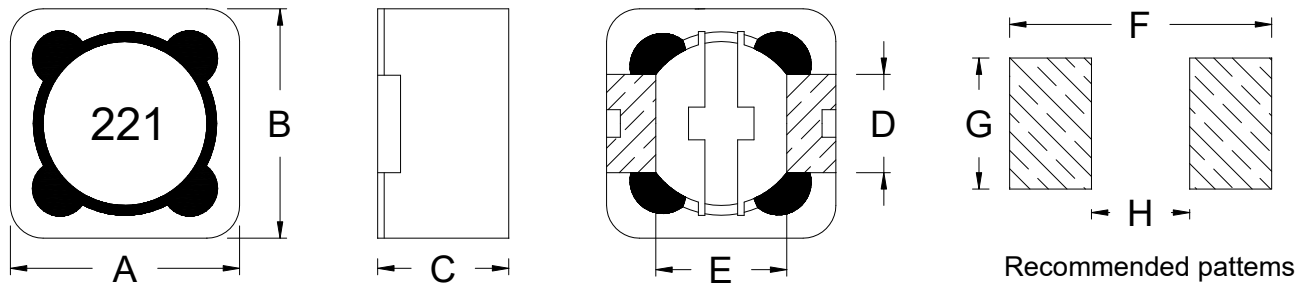


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	G	H	Q'TY/Reel
ARH127	12.5Max	12.5Max	8.0Max	5.0Ref	7.6Ref	12.6Ref	5.4Ref	7.0Ref	500

2. Part Number Code

ARH 127 M 221 A
 A B C D E

A: Series Name Power Inductors
 B: Dimensions(mm) 127: 12.5x12.5x 8.0Max
 C: Tolerance M: $\pm 20\%$
 D: Inductance 221=220uH
 E: Materials A: Type

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current (A)Max.
ARH127M221A	220	100KHz/0.25V	403	2.08

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) Isat :DC current(A) that will cause I_o to drop approximately 35%.
- 5) The part temperature(ambient + temp rise)should not exceed 125°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.