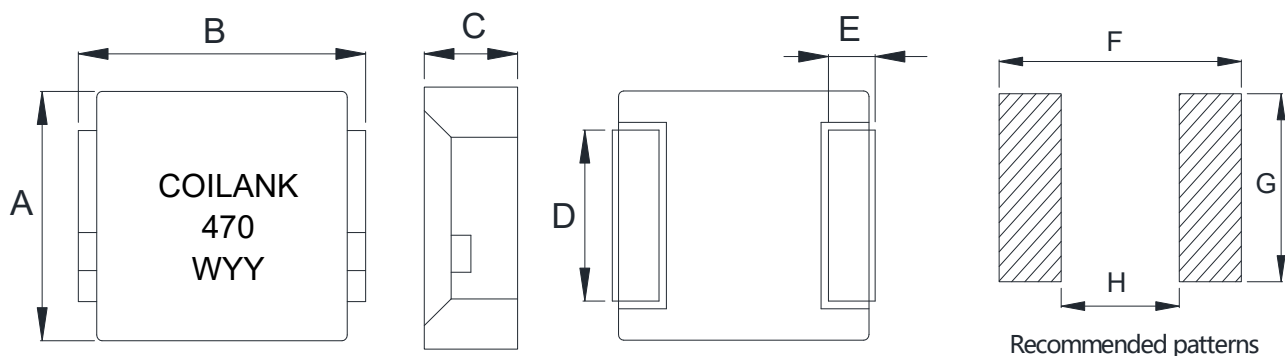


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	G Typ.	H Typ.	Q'TY/Reel
AAPS1770	16.85±0.3	18.0Max	7.0Max	12.0	2.8	18.2	12.8	11.2	350

2. Part Number Code

AAPS	17	70	M	330	H	E
Series Name	Dimensions: L*W	Dimensions: H	Tolerance ±20%	Inductance	Materials	Internal controls

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	DC Resistance (mΩ) Max.	Heat Rating Current Irms(A) Typ.	Saturation Current Isat(A) Typ.
AAPS1770M330HE	33.0	100K Hz/1V	37.0	9.0	13.0

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 3) Absolute maximum voltage 30V DC.
- 4) Operating temperature range -55°C to +125°C (Including self - temperature rise).
- 5) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 6) Isat :DC current(A) that will cause I_o to drop approximately 40%.
- 7) 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.