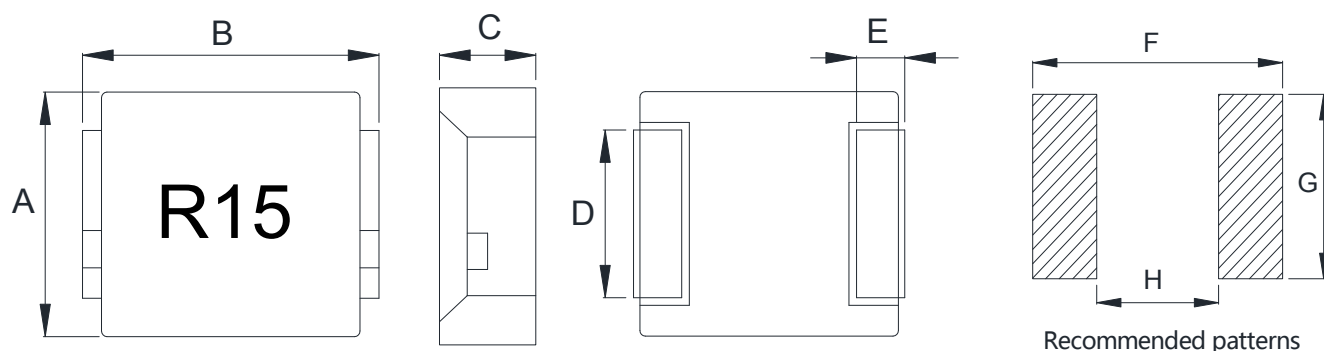


1. External Dimensions (Unit:m/m)



Type	A	B	C	D Typ.	E Typ.	F Typ.	G Typ.	H Typ.	Q'TY/Reel
APSW07H30	6.6±0.3	7.7Max	3.0Max	3.0	1.6	8.4	3.5	3.7	1500

2. Part Number Code

APS	W	07	H	30	M	R15
Series Name	Internal control	Dimensions: L*W	Materials	Dimensions: H	Tolerance ±20%	Inductance

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Conditions	DC Resistance (mΩ) Max.	DC Current Irms(A) Typ.	DC Current Isat(A) Typ.
APSW07H30MR15	0.15	100K Hz/1V	1.9	27.0	45.0

Notes:

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