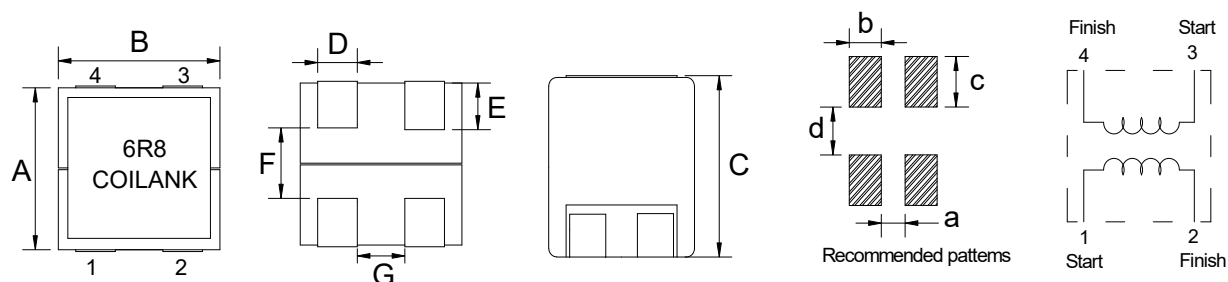


1. External Dimensions (Unit:mm)



Type	A	B	C	D	E	F Ref	G Ref	a Ref	b Ref	c Ref	d Ref	Q'TY/Reel
AMV0607W	7.6±0.3	6.9±0.3	7.3±0.2	1.65±0.2	2.0±0.2	3.4	1.6	1.25	2	3.2	3.55	600

2. Part Number Code

AMV	06	07	W	M	6R8
Series Name	Dimensions L*W	Dimensions H	Internal controls	Tolerance 20%	Inductance

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Frequency	DC Resistance (mΩ) Max.	Heat Rating Current Irms(A) Typ.	Saturation Current Isat(A) Typ.
AMV0607WM6R8	6.8	100KHz/1V	43.2	4	8.8

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 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 30%.
- 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.