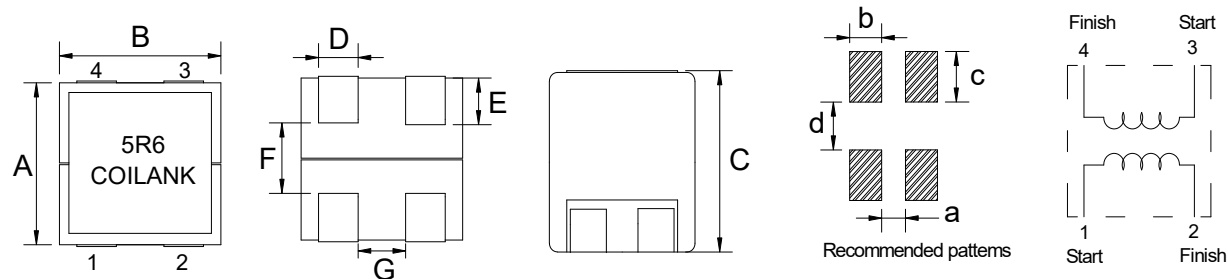


1. External Dimensions (Unit:mm)



Type	A	B	C	D	E	F Ref	G Ref	a Ref	b Ref	c Ref	d Ref	Q'TY/Reel
AMV1009W	9.2±0.25	10.2±0.25	10.85±0.2	2.5±0.2	2.65±0.2	4.3	2.4	2.1	2.85	4.05	3.84	300

2. Part Number Code

AMV	1009	W	M	5R6
Series	Dimensions	Internal	Toleran	Inductance
Name	L*W*H	controls	ce	

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Frequency	DC Resistance (mΩ) Max.	Heat Rating Current Irms(A) Typ.	Saturation Current Isat(A) Typ.
AMV1009WM5R6	5.6	100KHz/1V	16.8	6.4	19

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.