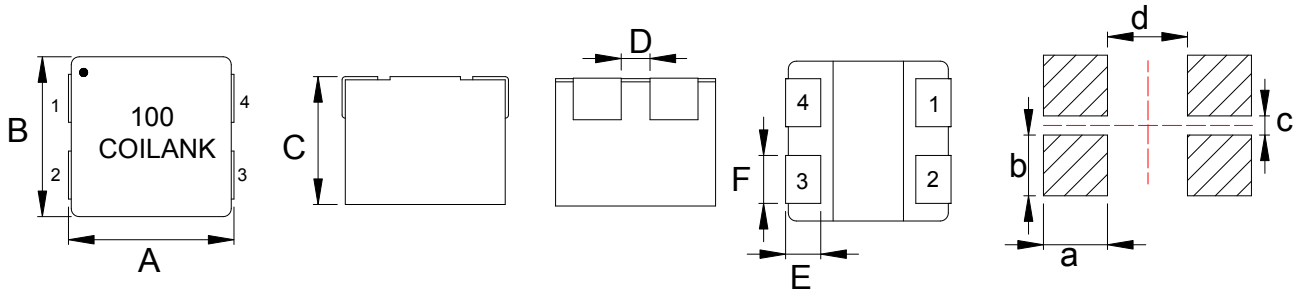
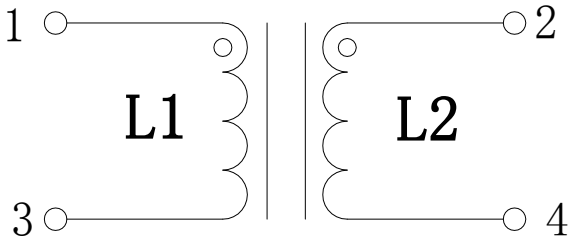


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	a	b	c	d	Q'TY/Reel
AABM10A80	10.8±0.35	10.0±0.3	8.0Max	1.6Ref	2.4Ref	3.1Ref	4.0Ref	3.8Ref	1.2Ref	5.0Ref	400

2. Schematics



3. Part Number Code

AABM 10 A 80 M 100
 A B C D E F

A: Series Name Molding Power Inductors
 B: Dimensions(mm) 10: 10.8x10.0
 C: Materials NO use
 D: Thickness(mm) 80: 8.0 Max
 E: Tolerance M: ±20%
 F: Inductance 100=10uH

4. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DCR(mΩ) Max. @25℃	Heat Rating Current Irms(A)	Saturation Current Isat(A)
AABM10A80M100	10.0	100KHz/1V	40.0	4.8	10.6

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25℃ ambient.
- 3) Operating temperature range -55℃ to +155℃,(Including self - temperature rise).
- 4) Irms :DC current(A) that will cause an approximate ΔT of 40℃.
- 5) Isat :DC current(A) that will cause I_o to drop approximately 40%.