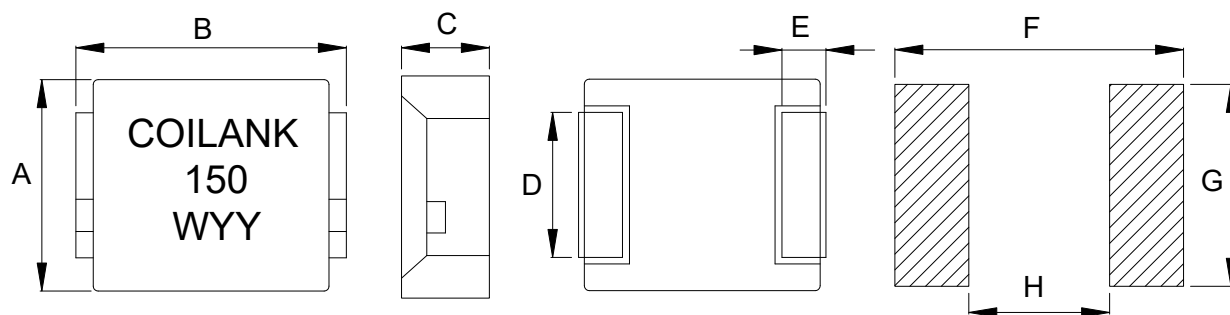


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	H	Q'TY/Reel
AAPS1350	12.2±0.3	13.3±0.5	5.0Max	4.0±0.5	2.54±0.3	14.3Ref	4.9Ref	7.7Ref	400

2. Part Number Code

AAPS 13 50 M 150 HE
 A B C D E F

A: Series Name Carbonyl Power Inductors
 B: Dimensions(mm) 13: 12.2x13.3
 C: Thickness(mm) 50: 5.0Max
 D: Tolerance M: ±20%
 E: Inductance 150=15uH
 F: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DCR(mΩ) Max. @25°C	Heat Rating Current DC(A) Typical	Saturation Current DC(A) Typical
AAPS1350M150HE	15.0	100KHz/1V	33.0	7.8	13.2

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 3) Operating temperature range -55°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 20%.
- 6) The part temperature(ambient + temp rise)should not exceed 155°C under worst case operating conditions.
Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.
- 7) Part Marking:COILANK= manufacturing location code, 150 = Inductance value in 15uH, wyy =Production code.