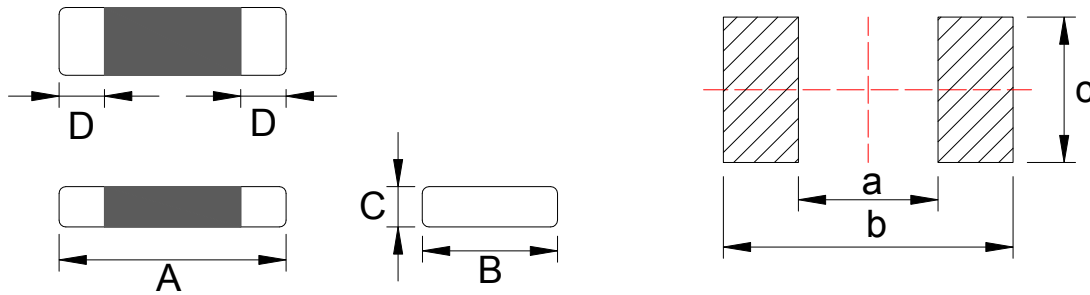


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	a	b	c	Q'TY/Reel
AAPS322512	3.2±0.3	2.5±0.3	1.25Max	0.5Ref	1.7Ref	3.5Ref	2.8Ref	3000

2. Part Number Code

AAPS 322512 M 4R7
 A B C D

A: Series Name Metal Alloy Inductors
 B: Dimensions(mm) 322512: 3.2x2.5x1.25 Max
 C: Tolerance M: ±20%
 D: Inductance 4R7=4.7uH

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Frequency (MHz)	DC Resistance (mΩ)Max	Heat Rating Current Irms(A) Typ.	Saturation Current Isat(A) Typ.
AAPS322512M4R7	4.7	1MHz	157.0	1.9	2.8

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 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 Io to drop approximately 40%.
- 6) The part temperature(ambient + temp rise)should not exceed 125°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.