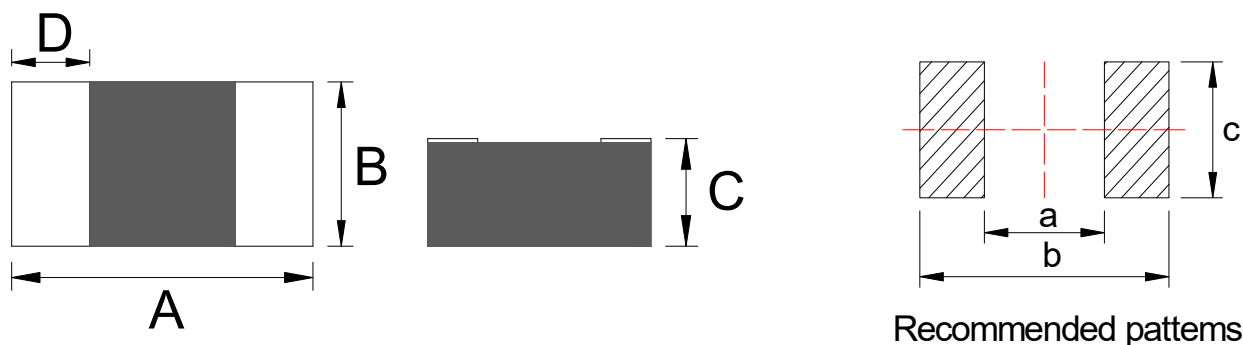


1. External Dimensions (Unit:m/m)



Type	A	B	C	D Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
AAPS322520	3.2±0.2	2.5±0.2	2.0Max	0.7	1.8	3.7	2.8	2000

2. Part Number Code

AAPS	3225	20	M	R47	F
Series Name	Dimensions: L*W	Dimensions: H	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Conditions	DC Resistance (mΩ) Max.	DC Current Irms(A)	DC Current Isat(A)
AAPS322520MR47F	0.47	1MHz/1V	16.0	6.0	8.5

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 I_o to drop approximately 40%.
- 6) 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.