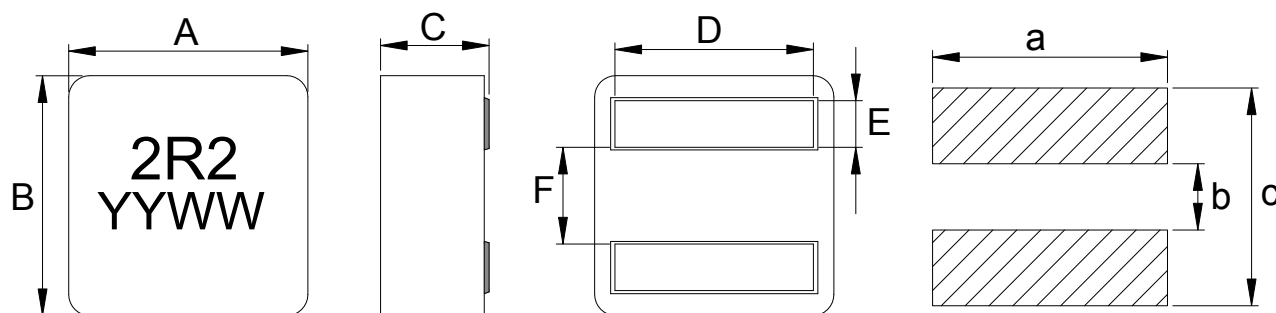


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	a	b	c	Q'TY/Reel
AAPS04F20	4.4±0.3	4.4±0.3	2.1Max	3.4Ref	0.88Ref	1.6Ref	3.8Ref	1.4Ref	3.4Ref	3000

2. Part Number Code

AAPS 04 F 20 M 2R2 - LR
 A B C D E F G

A: Series Name Molding Power Inductors
 B: Dimensions(mm) 04: 4.4x4.4
 C: Materials NO use
 D: Thickness(mm) 20: 2.1Max
 E: Tolerance M: ±20%
 F: Inductance 2R2=2.2uH
 G: Internal controls

3. Electrical Characteristic

Part Number	Inductance (uH)	Test Frequency (KHz)	DCR(mΩ) Max.@ 25°C	Heat Rating Current Irms(A) Typical	Saturation Current Isat(A) Typical
AAPS04F20M2R2-LR	2.2	100KHz/0.1V	21	8	6.5

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 3) Operating temperature range -55°C to +125°C.
- 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,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: 2R2 = Inductance value in 2.2uH, YYWW =Production code