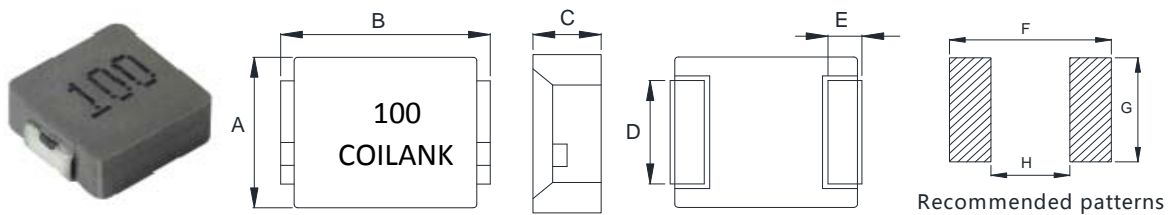


External Dimensions (Unit:mm)



TYPE	A	B Max	C Max	D typ	E typ	F typ	G typ	H typ	Q'TY/Reel
AAPS13D65	12.6±0.3	13.8	6.5	4.7	2.4	14.7	5.0	8.3	500

Part Number Code

AAPS	1365	M	100	DW
Series Name	Dimensions: L*W*H	Tolerance 20%	Inductan	Internal controls

AAPS Series

Part Number	Inductance (μ H) @100KHz/1V	DC Resistance (m Ω) Max.	Heat Rating Current I _{rms} (A)Typ.	Saturation Current I _{sat} (A)Typ.
AAPS1365M1R0DW	1	2.1	32	41.07
AAPS1365M1R5DW	1.5	3	26	38.76
AAPS1365M2R2DW	2.2	4.5	21	32.87
AAPS1365M3R3DW	3.3	6	18.3	28.75
AAPS1365M4R7DW	4.7	8.7	15	25.25
AAPS1365M6R8DW	6.8	11.3	13.8	20.43
AAPS1365M100DW	10	17.2	11	18.43
AAPS1365M150DW	15	28.2	8.7	11.13
AAPS1365M220DW	22	40	7	10.47
AAPS1365M330DW	33	69	5.5	7.66
AAPS1365M470DW	47	104	4.2	7.15

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25 °C ambient.
- 3) Operating temperature range -55 °C to +155 °C, (Including self - temperature rise).
- 4) I_{rms} :DC current(A) that will cause an approximate ΔT of 40 °C.
- 5) I_{sat} :DC current(A) that will cause I_o to drop approximately 40%.
- 6) The part temperature(ambient + temp rise)should not exceed 155 °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.