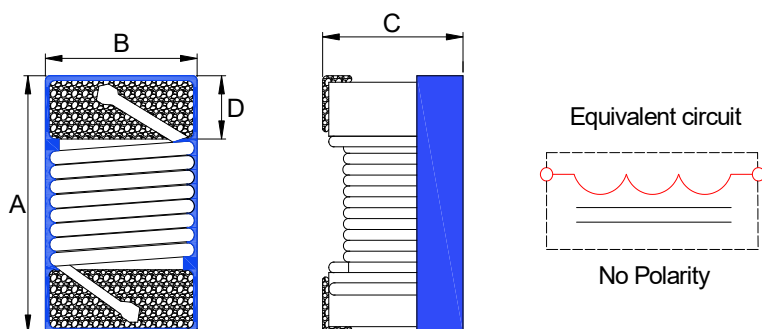


1. External Dimensions (Unit:mm)



TYPEA	METRIC	A Max	B Max	C Max	D Typ	Q'Ty / Reel
AHWC1005	0402	1.19	0.7	0.66	0.23	10000

2. Part Number Code

AHWC	1005	K	3N9	D
Series Name	Dimensions	Reference	Inductance	Internal controls

3. Electrical Characteristics

Part Number	Inductance (nH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(MHz) Min.	RDC(Ω) Max.	Irms(mA) Max.
AHWC1005K3N9D	3.9/250	±10%	24/250	6000	0.076	840

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) L.Q.SRF:agilent/HP E4991A+agilent/HP16197A.
(the electrical specification test by the smallest gap position)or HP16193A
- 5) Rdc: chroma milliohmmeter 16502, or equivalent.
- 6) Irms :DC current(A) that will cause an approximate ΔT of 40°C.