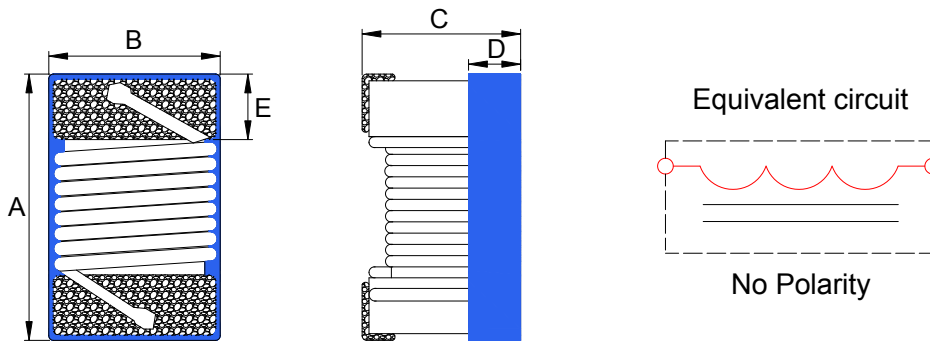


1.External Dimensions (Unit:m/m)



TYPE	METRIC	A	B	C	D	E	Q'Ty / Reel
AHSC100505	0402	1.19Max	0.64Max	0.66Max	0.25Ref	0.23Ref	10000

2. Part Number Code

AHSC 100505 J R10
 A B C D

A: Series Name Wire Wound Inductors
 B: Dimensions(mm) 100505: 1.19×0.64×0.66
 C: Tolerance J: ±5%
 D: Inductance R10=100nH

3. Electrical Characteristics

Part Number	Inductance (nH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(MHz) Min.	RDC(Ω) Max.	IDC(mA) Max.
AHSC100505JR10	100/250	±5%	20/250	1500.0	2.5	100.0

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +125°C.
- 3) When ordering, please specify tolerance and packaging codes.tolerance: J= ± 5%
packaging: clear tape and reel { standard } .
- 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.