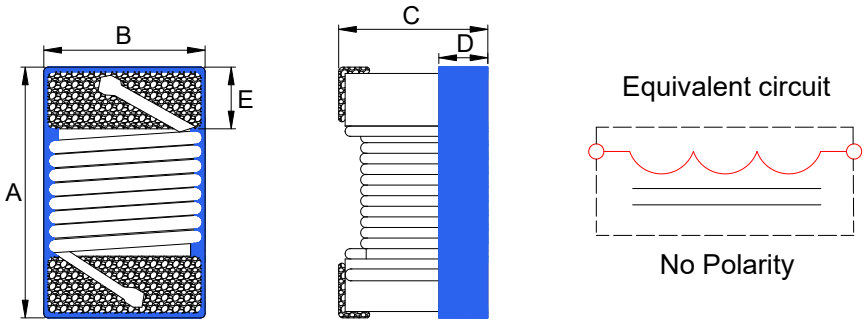
1. External Dimensions (Unit:m/m)



TYPE	METRIC	A	B	C	D	E	Q'Ty / Reel
HW0805	0805	2.4Max	1.75Max	1.52Max	0.65Ref	0.44Ref	2000

2. Part Number Code

HW	0805	K	1R0	LSF
A	B	C	D	E

A: Series Name — Wire Wound Inductors
B: Dimensions(mm) — 0805：2.4*1.75*1.52
C: Tolerance — K：±10%
D: Inductance — 1R0=1.0uH
E: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(Min.) (MHz)	RDC (Ω)Max.	Irms (mA)
HW0805K1R0LSF	1.0/7.9	±10%	12/7.9	360.0	1.0	430.0

Notes:

1）All test data is referenced to 25℃ ambient.

2）Operating temperature range -40℃ to +85℃,(Including self - temperature rise).

3）L.Q.SRF:agilent/HP E4991A+agilent/HP16197A.

(the electrical specification test by the smallest gap position)or HP16193A.

4）Rdc: chroma milliohmmeter 16502, or equivalent.

5）Irms :DC current(A) that will cause an approximate△T of 40℃.