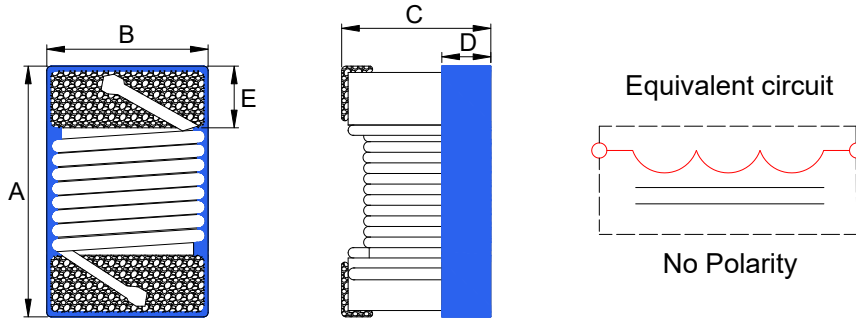


1. External Dimensions (Unit:m/m)



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 1R8 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 1R8=1.8uH
 E: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(Min.) (MHz)	RDC (Ω)Max.	Irms (A)
HW0805K1R8LSF	1.8/7.9	±10%	25/7.9	230	1.0	0.66

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +85°C,(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 approximateΔT of 40°C.