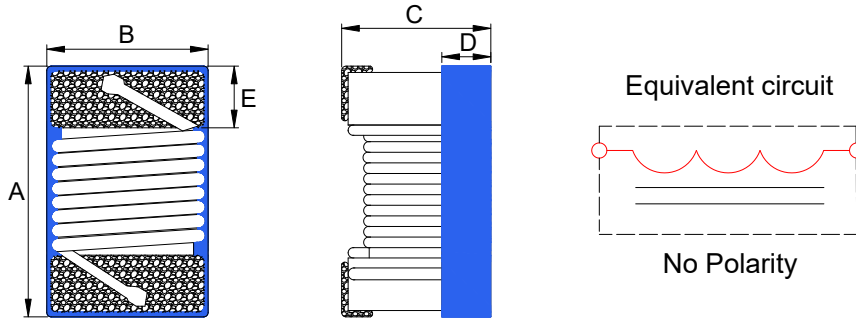


1. External Dimensions (Unit:m/m)



TYPE	METRIC	A	B	C	D	E	Q'Ty / Reel
HWF2012	0805	2.4Max	1.75Max	1.52Max	0.65Ref	0.44Ref	2000

2. Part Number Code

HWF 2012 K 1R0 SF
A B C D E

A: Series Name Wire Wound Inductors
 B: Dimensions(mm) 201212: 0805
 C: Tolerance K: $\pm 10\%$
 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)
HWF2012K1R0SF	1.0/7.9	$\pm 10\%$	12/7.9	360.0	1.0	430.0

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 approximate ΔT of 40°C.