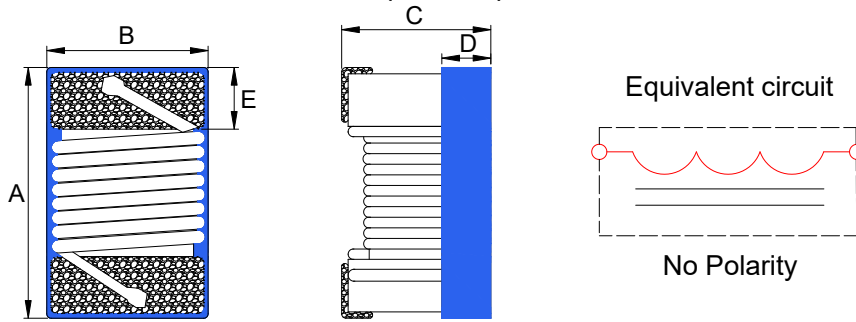


1. External Dimensions (Unit:m/m)



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 2R2 SF
 A B C D E

A: Series Name Wire Wound Inductors
 B: Dimensions(mm) 201212: 0805
 C: Tolerance K: $\pm 10\%$
 D: Inductance 2R2=2.2uH
 E: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)/MHz	Inductance Tolerance	Q/MHz Typ.	SRF(Min.) (MHz)	RDC (Ω)Max.	I _{rms} (mA)
HWF2012K2R2SF	2.2/7.9	$\pm 10\%$	12/7.9	80.0	1.05	0.6

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +85°C.
- 3) When ordering, please specify tolerance and packaging codes.tolerance: K= $\pm 10\%$.
packaging: clear tape and reel { standard } .
- 4) L.O.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) I_{rms} :DC current(A) that will cause an approximate ΔT of 40°C.