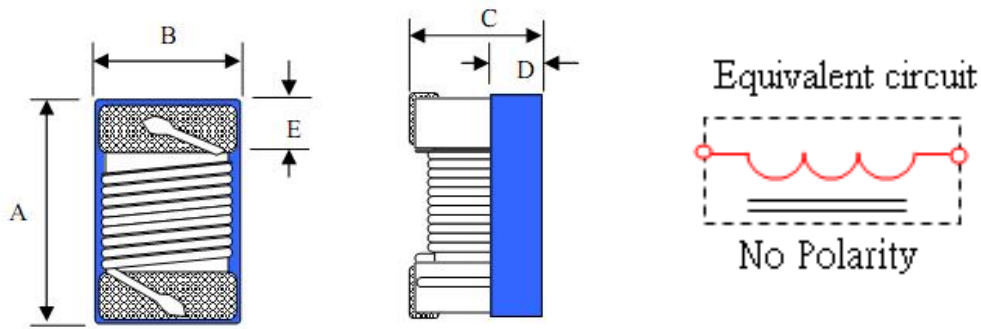


### 1.External Dimensions (Unit:m/m)



TYPE	METRIC	A	B	C	D	E	Q'Ty / Reel
HWC2520	1008	2.92Max	2.79Max	2.2Max	1.2Ref	0.55Ref	2000

### 2. Part Number Code

HWC     2520     J     R27  
 A           B           C           D

A: Series Name                      Wire Wound Inductors  
 B: Dimensions(mm)                292520: 2.92×2.79×2.2  
 C: Tolerance                         J: ±5%  
 D: Inductance                        R27=0.27uH

### 3. Electrical Characteristics

Part Number	Inductance (uH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(Min.) (MHz)	RDC (Ω)Max.	IDC Max. (mA)
HWC2520JR27	0.27/25	±5%	45/100	600.0	0.91	500.0

#### Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +125°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  $\Delta T$  of 40°C.