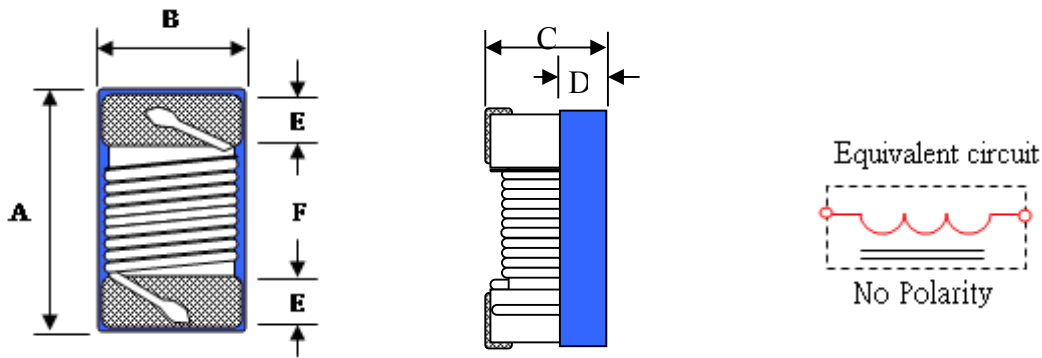


1.External Dimensions (Unit:m/m)



TYPE	METRIC	A	B	C	D	E	F	Q'Ty / Reel
AHSC160808	0603	1.8Max	1.2Max	1.02Max	0.40±0.1	0.34±0.1	0.89±0.1	4000

2.Part Number Code

AHSC 160808 J R18
 A B C D

A: Series Name Wire Wound Inductors
 B: Dimensions(mm) 160808: 0603
 C: Tolerance J: ±5%
 D: Inductance R18=180nH

3.Electrical Characteristics

Part Number	Inductance (nH)/MHz	Inductance Tolerance	Q/MHz Min.	SRF(Min.) (MHz)	RDC (Ω)Max.	IDC Max. (mA)
AHSC160808JR18	180/150	±5%	25/100	990	1.52	240

- A. When ordering, please specify tolerance and packaging codes.
 Tolerance: J=±5% Packaging: Clear tape and reel {standard} .
 B. L.O.SRF:Agilent/HP E4991A+Agilent/HP16197A.
 (The electrical specification test by the smallest gap position)or HP16193A
 C. Rdc:Digital Mlliohm Meter Chroma 16502,or equivalenr.
 D. Irms for a 15°C rise above 25°C ambient.
 E. Operating temperature range from -40°Cto125°C.
 F. Reflow soldering temperature at 260±5°C/cycle

4.Material list

Item	Material
Core	Al2O3 96%
Wire	Copper wire
Epoxy	UV Eopxy