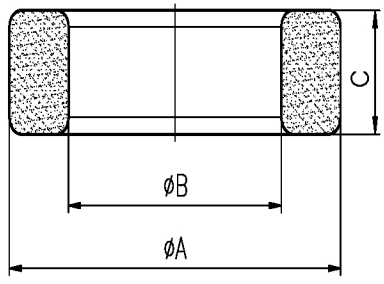
H cores 31 x 19 x 7

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
	mass	16.2	gr
Ve	effective volume	3297	mm^3
le	effective length	80.1	mm
Ae	effective area	61.2	mm^2

Characteristice

GRADE	Z1 Impedance	Z2 Impedance
	Instrument: HP4291B Frequency: f=25MHz Coil: N=1Ts Φ0.4mm ×90mm Temperature: T=(25±2)℃	Instrument: HP4291B Frequency: f=100MHz Coil: N=1Ts Φ0.4mm ×90mm Temperature: T=(25±2)℃
DN150H	26 min	62 min



A	B	C
31.0±0.5	19.0±0.5	7.0±0.3

DN150H Material Characteristicss

Item	Symbol	Condition	Value	Unit
Initial Permeability	μi		1500±25%	
Working Frequency	f	25℃	0.01-0.5	MHz
Relative Loss Factor	tan δ/μi	25℃	16 0.1MHz	$\times 10^{-6}$
Saturation Magnetic Flux Density	Bs	25℃	310 1600A/m	mT
Remanence	Br	25℃	180	mT
Coercive Force	Hc	25℃	20	A/m
Relative Temperature Coefficient	aμr		1-6	$\times 10^{-6}$/° C 20°C~60°C
Curie Temperature	Tc		>100	° C
Electrical Resistivity	ρ	25℃	$>10^5$	Ω.m
Density	d	25℃	5.1	g/cm^3