



### CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$18.45 \pm 0.5$	$9.75 \pm 0.5$	$10.25 \pm 0.5$
Coat	19.45max	8.75min	11.25max

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1780.0	mm <sup>3</sup>
le	effective length	41.4	mm
Ae	effective area	43.1	mm <sup>2</sup>
Wt	mass of core set	$\approx 10.3$	g

### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
	f=100kHz	f=25MHz	f=100MHz
	U=0.25V	N=1Ts $\Phi 0.5*100\text{mm}$	N=1Ts $\Phi 0.5*100\text{mm}$
	N=10Ts, $\Phi 0.35 \text{ mm}$	T=25 $\pm$ 2 $^{\circ}$ C	T=25 $\pm$ 2 $^{\circ}$ C
DN65H	850 $\pm$ 25%	30 min	70 min