



CORE SETS

CORE DIMENSIONS (mm)

Assembled with housing	Dimensions (mm)		
	ΦA	ΦB	C
Bare core	20 ± 0.2	12 ± 0.2	8 ± 0.2
Core with housing	21.9 ± 0.4	10.7 ± 0.4	9.8 ± 0.3

EFFECTIVE CORE PARAMETERES

SYMBOL	PARAMETER	VALUE	UNIT
V_e	effective volume	1259.5	mm^3
L_e	effective length	49.2	mm
A_e	effective area	25.6	mm^2
W_t	mass of bare core set	9.1	g

CHARACTERISTIC

Grade	$AL (\mu\text{H}/\text{N}^2)$	
	$f=10\text{kHz}$	$f=100\text{kHz}$
	$U=0.25\text{V}$	$U=0.25\text{V}$
DNG-8W-S	$58.8 \pm 30\%$	$15.0 \pm 25\%$
DNG-5W-S	$30.7 \pm 30\%$	$17.7 \pm 25\%$
DNG-3W-S	$16.7 \pm 30\%$	$13.7 \pm 25\%$