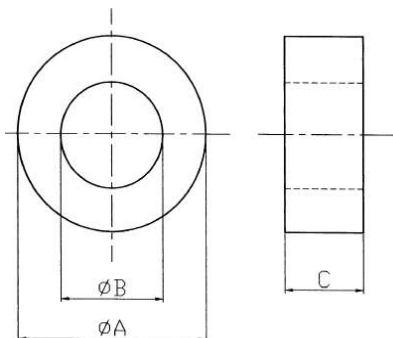




H cores

H101X65X20P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$101 \pm 2.5$	$65.0 \pm 2.0$	$20.0 \pm 2.0$
Coat	$101.2 \pm 2.5$	$64.8 \pm 2.0$	$20.2 \pm 2.0$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	89400.0	mm <sup>3</sup>
le	effective length	252.0	mm
Ae	effective area	354.0	mm <sup>2</sup>
Wt	mass of core set	≈488	g

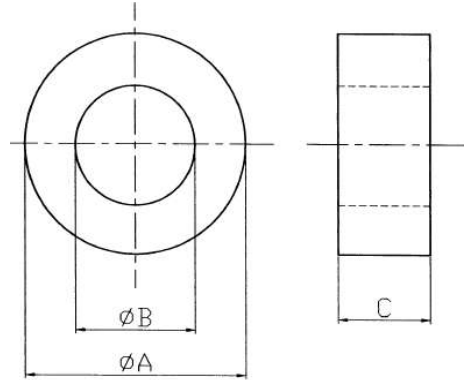
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\phi 0.35$ mm	f=25MHz N=1Ts $\phi 1.0*200$ mm T=25±2°C
DN85H	1150 ± 30%	60 min	110 min



H cores

H10X5X30P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$10.0 \pm 0.4$	$5.0 \pm 0.4$	$30.0 \pm 0.4$
Coat	$10.2 \pm 0.4$	$4.85 \pm 0.4$	$30.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1570.00	mm <sup>3</sup>
le	effective length	21.80	mm
Ae	effective area	72.10	mm <sup>2</sup>
Wt	mass of core set	≈9.5	g

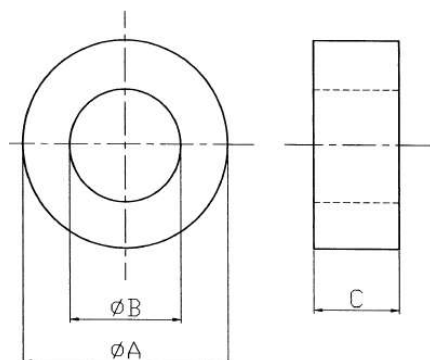
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5 \times 100$ mm T=25±2°C
DN160L	5800±25%	120 min	140 min



H cores

H10X5X3P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$10.0 \pm 0.2$	$5.0 \pm 0.2$	$3.0 \pm 0.15$
Coat	$10.2 \pm 0.2$	$4.85 \pm 0.2$	$3.2 \pm 0.15$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	157.00	$\text{mm}^3$
le	effective length	21.80	mm
Ae	effective area	7.21	$\text{mm}^2$
Wt	mass of core set	$\approx 0.95$	g

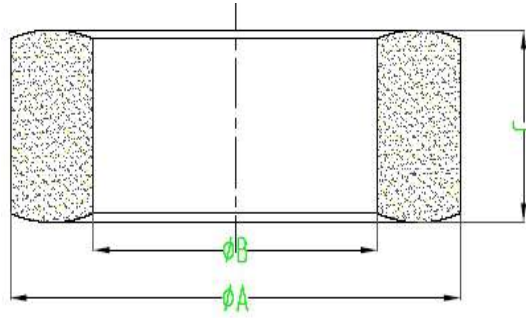
Characteristic

Grade	AL ( $\text{nH}/\text{N}^2$ )	Z ( $\Omega$ )
		$f=100\text{kHz}$ $U=0.25\text{V}$ $N=10\text{Ts}, \Phi 0.35 \text{ mm}$
DN85H	$350 \pm 25\%$	15 min



# H cores

H10X5X5



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$10.0 \pm 0.4$	$5.0 \pm 0.3$	$5.0 \pm 0.3$
Coat	$10.2 \pm 0.4$	$4.85 \pm 0.3$	$5.2 \pm 0.3$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	294.37	mm <sup>3</sup>
le	effective length	24.51	mm
Ae	effective area	12.01	mm <sup>2</sup>
Wt	mass of core set	$\approx 1.5$	g

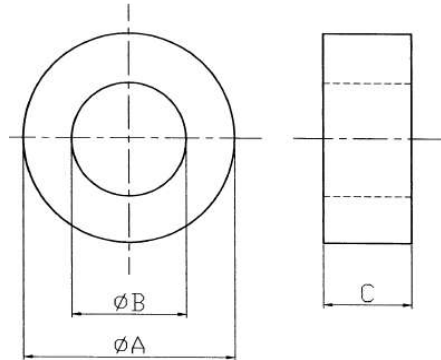
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN65H	$320 \pm 25\%$	18 min



# H cores

H12. 7X7. 14X4. 78P



## CORE SETS

### CORE DIMENSIONS (mm)

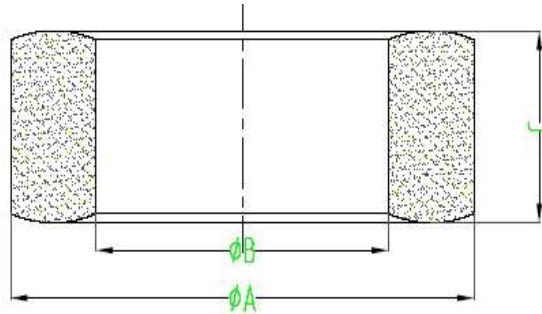
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$12.7 \pm 0.4$	$7.14 \pm 0.3$	$4.78 \pm 0.2$
Coat	$12.9 \pm 0.4$	$7.0 \pm 0.3$	$5.0 \pm 0.2$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	381.00	mm <sup>3</sup>
le	effective length	29.50	mm
Ae	effective area	12.90	mm <sup>2</sup>
Wt	mass of core set	$\approx 2.2$	g

### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN85H	$410 \pm 25\%$	20 min



CORE SETS

CORE DIMENSIONS (mm)

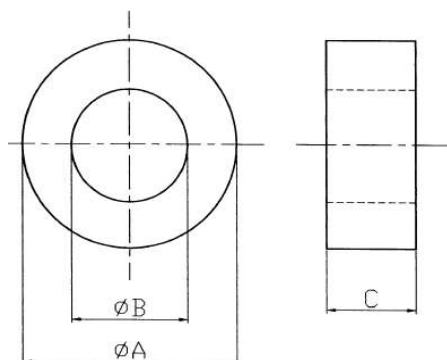
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$12.7 \pm 0.4$	$7.14 \pm 0.3$	$6.35 \pm 0.3$
Coat	$12.9 \pm 0.4$	$7.0 \pm 0.3$	$6.55 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	506.00	mm <sup>3</sup>
le	effective length	29.50	mm
Ae	effective area	17.20	mm <sup>2</sup>
Wt	mass of core set	$\approx 2.9$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN30L	$200 \pm 25\%$	18 min



CORE SETS

CORE DIMENSIONS (mm)

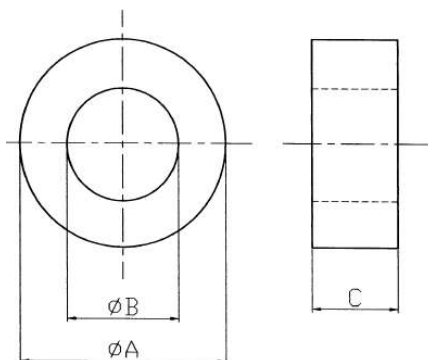
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$12.0 \pm 0.3$	$6.0 \pm 0.3$	$4.0 \pm 0.3$
Coat	$12.2 \pm 0.3$	$5.85 \pm 0.3$	$4.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	301.00	mm <sup>3</sup>
le	effective length	26.10	mm
Ae	effective area	11.50	mm <sup>2</sup>
Wt	mass of core set	≈1.8	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=16Ts $\Phi 0.5$ mm T=25±2°C
DN85H	420 ± 25%	980 min	1500 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$13.2 \pm 0.4$	$7.1 \pm 0.3$	$12.7 \pm 0.4$
Coat	$13.4 \pm 0.4$	$6.95 \pm 0.3$	$12.9 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1120.0	mm <sup>3</sup>
le	effective length	29.9	mm
Ae	effective area	37.5	mm <sup>2</sup>
Wt	mass of core set	$\approx 6.3$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	DN85H	$f=100\text{kHz}$ $U=0.25\text{V}$ $N=10\text{Ts}, \Phi 0.35 \text{ mm}$




. 7P

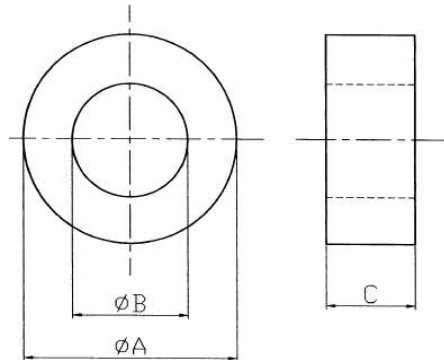


m




H cores

H13. 7X11X11. 7P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$13.7 \pm 0.4$	$11.0 \pm 0.3$	$11.7 \pm 0.2$
Coat	$13.9 \pm 0.4$	$10.85 \pm 0.3$	$11.9 \pm 0.2$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	605.00	mm <sup>3</sup>
le	effective length	38.50	mm
Ae	effective area	15.70	mm <sup>2</sup>
Wt	mass of core set	≈3.2	g

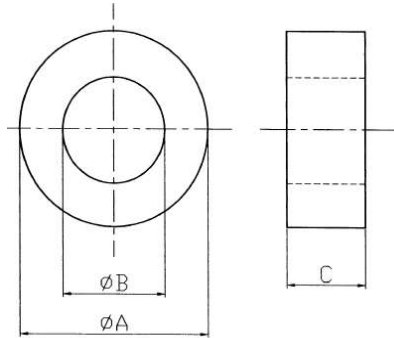
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\phi 0.35$ mm
DN30L	160±25%	8 min



H cores

H139X112X25P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$139.0 \pm 2.5$	$112.0 \pm 2.5$	$25.0 \pm 2.5$
Coat	$139.2 \pm 2.5$	$111.8 \pm 2.5$	$25.2 \pm 2.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	13100.0	mm <sup>3</sup>
le	effective length	391.0	mm
Ae	effective area	336.0	mm <sup>2</sup>
Wt	mass of core set	≈692	g

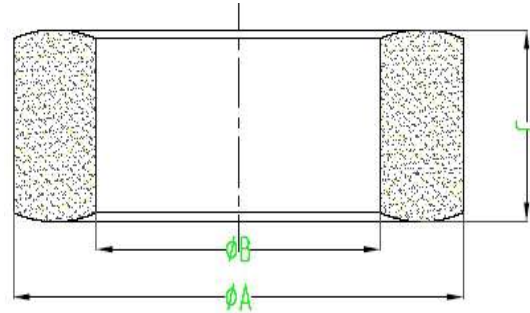
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN85H	$730 \pm 30\%$	70 min



# H cores

H14. 22X6. 35X14



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$14.22 \pm 0.4$	$6.35 \pm 0.3$	$14.0 \pm 0.4$
Coat	$14.40 \pm 0.4$	$6.20 \pm 0.3$	$14.2 \pm 0.4$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1520.00	mm <sup>3</sup>
le	effective length	29.00	mm
Ae	effective area	52.20	mm <sup>2</sup>
Wt	mass of core set	$\approx 12.0$	g

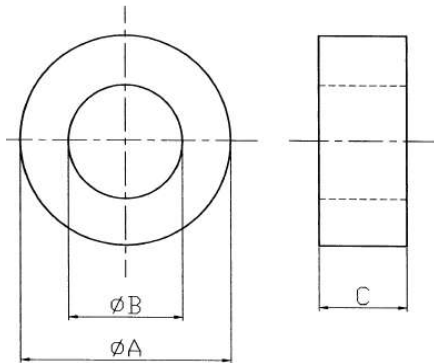
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=1Ts $\phi 0.35$ mm	f=25MHz N=1Ts $\phi 0.5*50$ mm T=25±2°C
DN120L	$2500 \pm 25\%$	50 min	70 min



# H cores

H14X9X20P



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$14.0 \pm 0.3$	$9.0 \pm 0.25$	$20.0 \pm 0.4$
Coat	$14.2 \pm 0.3$	$8.85 \pm 0.25$	$20.2 \pm 0.4$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1720.00	mm <sup>3</sup>
le	effective length	35.00	mm
Ae	effective area	49.20	mm <sup>2</sup>
Wt	mass of core set	$\approx 6.2$	g

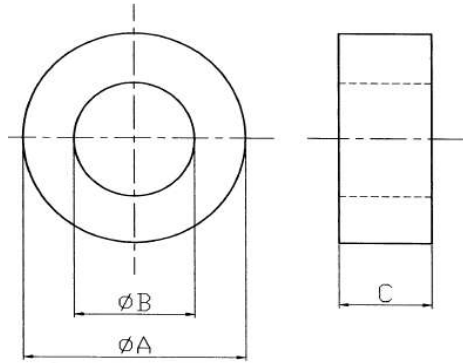
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\phi 0.35$ mm	f=25MHz N=1Ts $\phi 1.0*120$ mm T=25±2°C
DM85A	$1400 \pm 25\%$	45 min	70 min



H cores

H14X9X5P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$14.0 \pm 0.4$	$9.0 \pm 0.3$	$5.0 \pm 0.3$
Coat	$14.2 \pm 0.4$	$8.85 \pm 0.3$	$5.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	430.00	mm <sup>3</sup>
le	effective length	35.00	mm
Ae	effective area	12.30	mm <sup>2</sup>
Wt	mass of core set	≈1.6	g

Characteristic

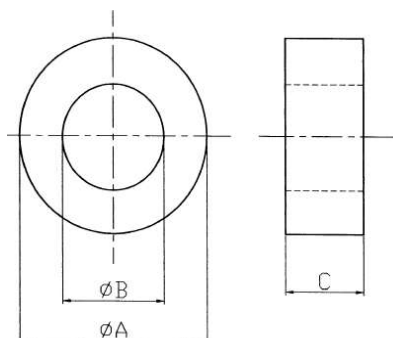
Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN35H	150±25%	12 min





H cores

H160X133X25P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$160.0 \pm 3.0$	$133.0 \pm 2.5$	$25.0 \pm 2.5$
Coat	$160.2 \pm 3.0$	$132.8 \pm 2.5$	$25.2 \pm 2.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	15400.0	mm <sup>3</sup>
le	effective length	457.0	mm
Ae	effective area	337.0	mm <sup>2</sup>
Wt	mass of core set	≈808	g

Characteristic

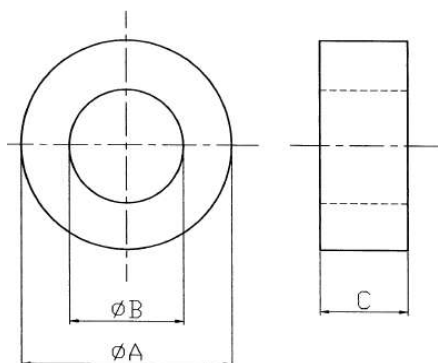
Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN85H	$600 \pm 30\%$	80 min





H cores

H16X10X10P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$16.0 \pm 0.3$	$10.0 \pm 0.3$	$10.0 \pm 0.4$
Coat	$16.2 \pm 0.3$	$9.85 \pm 0.3$	$10.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1160.0	mm <sup>3</sup>
le	effective length	39.4	mm
Ae	effective area	29.5	mm <sup>2</sup>
Wt	mass of core set	≈6.4	g

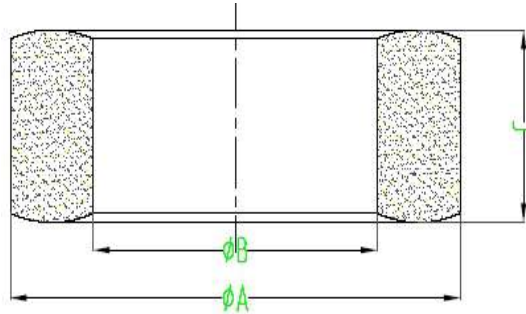
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C
D150H	$1400 \pm 25\%$	30 min	55 min
DN85H	$750 \pm 25\%$	25 min	60 min



H cores

H16X12X8



CORE SETS

CORE DIMENSIONS (mm)

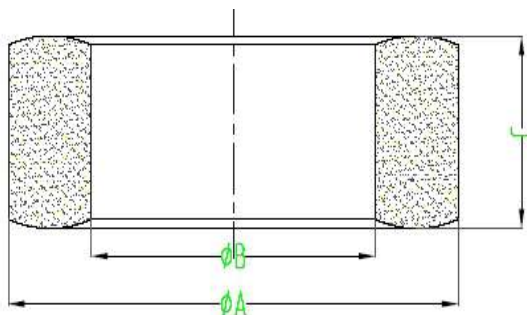
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$16.0 \pm 0.4$	$12.0 \pm 0.3$	$8.0 \pm 0.3$
Coat	$16.2 \pm 0.4$	$11.85 \pm 0.3$	$8.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	703.36	mm <sup>3</sup>
le	effective length	44.26	mm
Ae	effective area	15.89	mm <sup>2</sup>
Wt	mass of core set	$\approx 3.6$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN85H	$380 \pm 25\%$	18 min
DN65H	$300 \pm 25\%$	15 min
DN35H	$160 \pm 25\%$	12 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$16.0 \pm 0.4$	$8.0 \pm 0.3$	$30.0 \pm 0.4$
Coat	$16.2 \pm 0.4$	$7.85 \pm 0.3$	$30.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	4521.6	mm <sup>3</sup>
le	effective length	39.2	mm
Ae	effective area	115.3	mm <sup>2</sup>
Wt	mass of core set	≈23.1	g

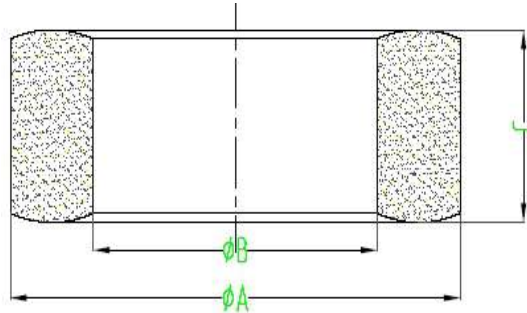
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C
DN85H	$3300 \pm 25\%$	110 min	180min



# H cores

H17.5X9.6X28.5



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$17.5 \pm 0.4$	$9.6 \pm 0.3$	$28.5 \pm 0.7$
Coat	$17.7 \pm 0.4$	$9.45 \pm 0.3$	$28.7 \pm 0.7$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	4410.0	mm <sup>3</sup>
le	effective length	39.9	mm
Ae	effective area	111.0	mm <sup>2</sup>
Wt	mass of core set	$\approx 25.2$	g

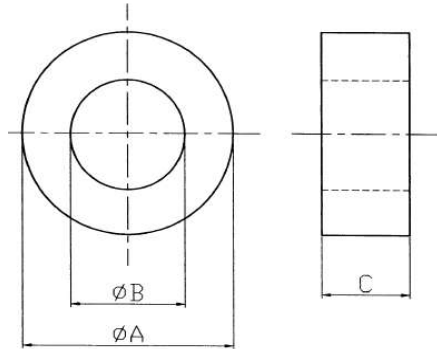
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0*100$ mm T=25 $\pm$ 2 $^{\circ}$ C	f=100MHz N=1Ts $\Phi 1.0*100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN85H	$2950 \pm 25\%$	50 min	100 min
DN40B	$1390 \pm 25\%$	40 min	120 min
R350R	$1220 \pm 25\%$	35 min	100 min
DM65A	$2250 \pm 25\%$	45 min	90 min



H cores

H17X8X30P



CORE SETS

CORE DIMENSIONS (mm)

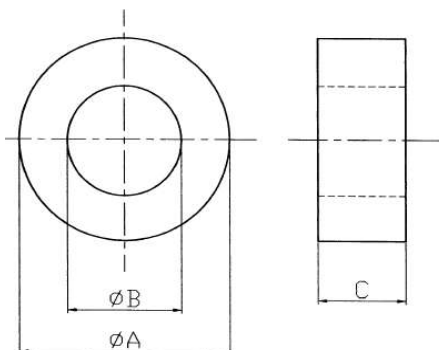
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$17.0 \pm 0.3$	$8.0 \pm 0.3$	$30.0 \pm 0.4$
Coat	$17.2 \pm 0.3$	$7.85 \pm 0.3$	$30.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	4610.0	mm <sup>3</sup>
le	effective length	35.8	mm
Ae	effective area	129.0	mm <sup>2</sup>
Wt	mass of core set	$\approx 27.6$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65*100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN160L	$7200 \pm 25\%$	80 min	120 min



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	$18.65 \pm 0.5$	$9.60 \pm 0.5$	$10.45 \pm 0.5$

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

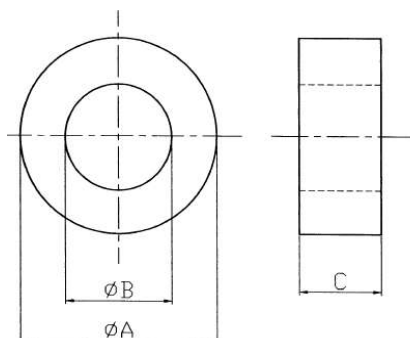
Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C
DN65H	$850 \pm 25\%$	30 min	70 min





H cores

H18X10X6P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$18.0 \pm 0.5$	$10.0 \pm 0.3$	$6.0 \pm 0.3$
Coat	$18.2 \pm 0.5$	$9.85 \pm 0.3$	$6.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	968.0	mm <sup>3</sup>
le	effective length	41.5	mm
Ae	effective area	23.3	mm <sup>2</sup>
Wt	mass of core set	≈55	g

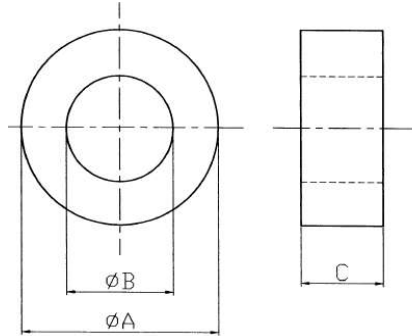
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C
DN80L	$550 \pm 25\%$	25 min	55 min
DN65H	$450 \pm 25\%$	20 min	58 min
DN10H	$70 \pm 25\%$	17 min	50 min



# H cores

H19X12X8P



## CORE SETS

### CORE DIMENSIONS (mm)

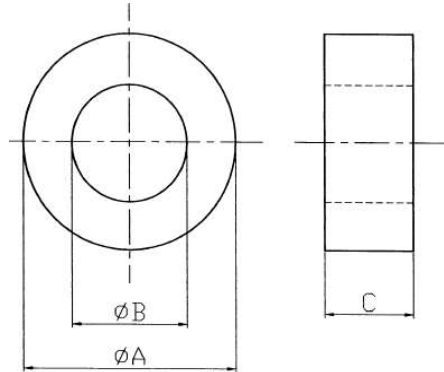
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$19.0 \pm 0.6$	$12.0 \pm 0.4$	$8.0 \pm 0.4$
Coat	$19.2 \pm 0.6$	$11.85 \pm 0.4$	$8.2 \pm 0.4$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1290.0	mm <sup>3</sup>
le	effective length	47.0	mm
Ae	effective area	27.5	mm <sup>2</sup>
Wt	mass of core set	$\approx 7.1$	g

### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5*100$ mm T=25 $\pm$ 2 $^{\circ}$ C	f=100MHz N=1Ts $\Phi 0.5*100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN85H	$620 \pm 25\%$	25 min	55 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$2.54 \pm 0.15$	$1.27 \pm 0.15$	$1.27 \pm 0.15$
Coat	$2.70 \pm 0.15$	$1.10 \pm 0.15$	$1.47 \pm 0.15$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	4.82	mm <sup>3</sup>
le	effective length	6.21	mm
Ae	effective area	0.78	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.025$	g

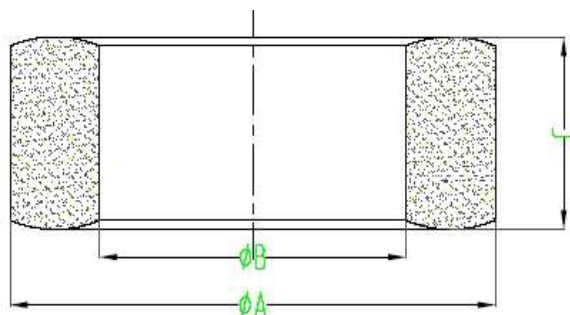
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	f=100kHz U=0.01V N=10Ts, $\phi 0.13$ mm	f=25MHz N=1Ts $\phi 0.35 \times 50$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN85H	$110 \pm 25\%$	8 min
DN150H	$180 \pm 25\%$	10 min



H cores

H20X10X10



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$20.0 \pm 0.5$	$10.0 \pm 0.3$	$10.0 \pm 0.4$
Coat	$20.2 \pm 0.5$	$9.85 \pm 0.3$	$10.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	2355.0	mm <sup>3</sup>
le	effective length	49.0	mm
Ae	effective area	48.0	mm <sup>2</sup>
Wt	mass of core set	≈12	g

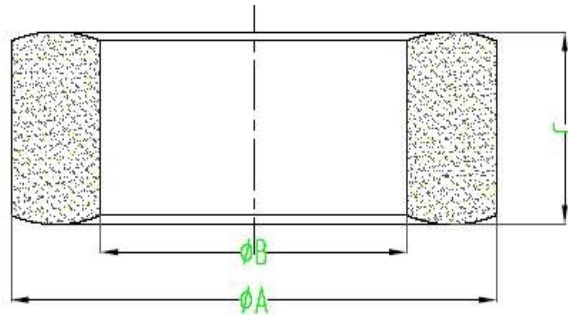
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C
DN85H	$1180 \pm 25\%$	40 min	70min
DN65H	$900 \pm 25\%$	35 min	80min



# H cores

H22. 1X13. 7X6. 35



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$22.1 \pm 0.4$	$13.7 \pm 0.4$	$6.35 \pm 0.4$
Coat	$22.3 \pm 0.4$	$13.55 \pm 0.4$	$6.55 \pm 0.4$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1420.0	mm <sup>3</sup>
le	effective length	54.1	mm
Ae	effective area	26.2	mm <sup>2</sup>
Wt	mass of core set	≈ 7.8	g

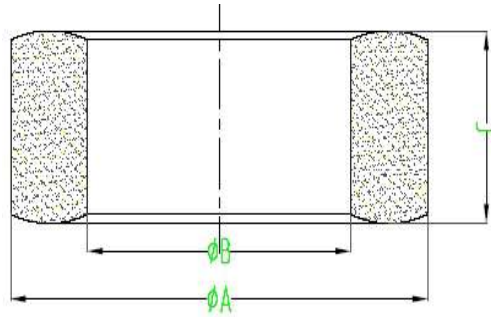
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C
DN85H	$520 \pm 25\%$	20 min	40 min



H cores

H22X14X10



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	Φ A	Φ B	C
Uncoat	22.0 ± 0.4	14.0 ± 0.4	10.0 ± 0.3
Coat	22.2 ± 0.4	13.85 ± 0.4	10.2 ± 0.3

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	2150.0	mm <sup>3</sup>
le	effective length	54.6	mm
Ae	effective area	39.3	mm <sup>2</sup>
Wt	mass of core set	≈ 16.9	g

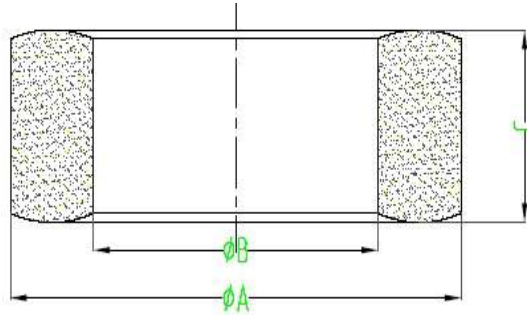
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, Φ 0.35 mm	f=25MHz N=1Ts Φ 1.0 × 100mm T=25 ± 2°C	f=100MHz =1Ts Φ 1.0 × 100mm T=25 ± 2°C
DN85H	770 ± 25%	20 min	35 min



H cores

H22X14X8



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$22.0 \pm 0.4$	$14.0 \pm 0.4$	$8.0 \pm 0.3$
Coat	$22.2 \pm 0.4$	$13.85 \pm 0.4$	$8.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1808.6	mm <sup>3</sup>
le	effective length	57.5	mm
Ae	effective area	31.5	mm <sup>2</sup>
Wt	mass of core set	≈9.2	g

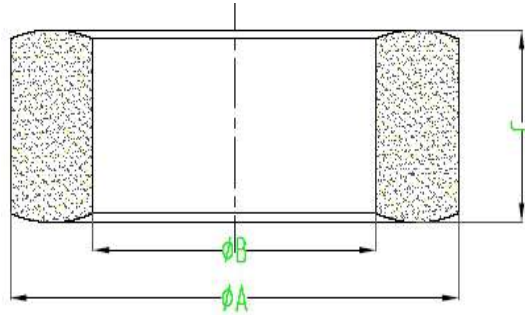
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C
DN85H	610 ± 25%	20 min	45 min



# H cores

H23. 1X13. 7X7



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\Phi A$	$\Phi B$	C
Uncoat	$23.1 \pm 0.4$	$13.7 \pm 0.4$	$7.0 \pm 0.3$
Coat	$23.3 \pm 0.4$	$13.55 \pm 0.4$	$7.2 \pm 0.3$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	1780.00	mm <sup>3</sup>
le	effective length	55.20	mm
Ae	effective area	32.20	mm <sup>2</sup>
Wt	mass of core set	≈9.9	g

### Characteristic

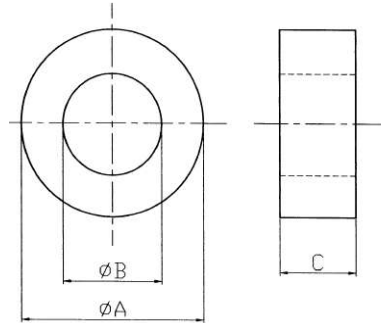
Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN65H	$475 \pm 25\%$	20 min
DN10H	$70 \pm 25\%$	15 min





H cores

H25. 9X12. 8X28. 5P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$25.9 \pm 0.5$	$12.8 \pm 0.4$	$28.5 \pm 0.7$
Coat	$26.1 \pm 0.5$	$12.65 \pm 0.4$	$28.7 \pm 0.7$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	11342.0	mm <sup>3</sup>
le	effective length	63.3	mm
Ae	effective area	179.1	mm <sup>2</sup>
Wt	mass of core set	$\approx 57.8$	g

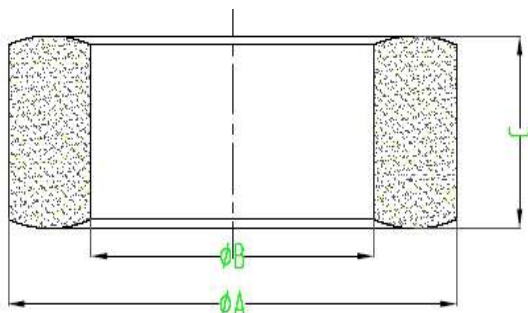
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 180$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN160L	$6400 \pm 25\%$	120 min
DN85H	$3400 \pm 25\%$	100 min
DN65H	$2600 \pm 25\%$	95 min



H cores

H25X15X12



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\Phi A$	$\Phi B$	C
Uncoat	$25.0 \pm 0.4$	$15.0 \pm 0.4$	$12.0 \pm 0.3$
Coat	$25.2 \pm 0.4$	$14.85 \pm 0.4$	$12.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	3768.0	mm <sup>3</sup>
le	effective length	64.2	mm
Ae	effective area	58.7	mm <sup>2</sup>
Wt	mass of core set	≈19.2	g

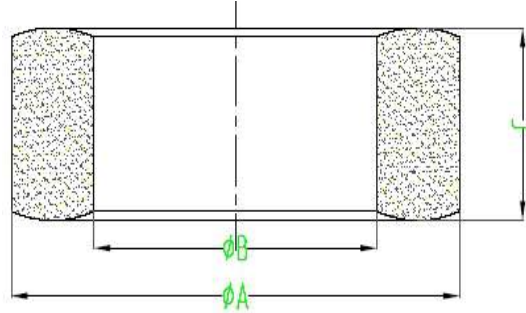
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, Φ0.35 mm	f=25MHz N=1Ts Φ1.0×100mm T=25±2°C	f=100MHz N=1Ts Φ1.0×100mm T=25±2°C
DN85H	$1040 \pm 25\%$	40 min	70 min
DN65H	$800 \pm 25\%$	35 min	75 min
DN10H	$120 \pm 25\%$	18 min	54 min



H cores

H28X16X13



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$28.0 \pm 0.5$	$16.0 \pm 0.4$	$13.0 \pm 0.3$
Coat	$28.2 \pm 0.5$	$15.85 \pm 0.4$	$13.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	5388.2	mm <sup>3</sup>
le	effective length	70.9	mm
Ae	effective area	76.0	mm <sup>2</sup>
Wt	mass of core set	$\approx 27.5$	g

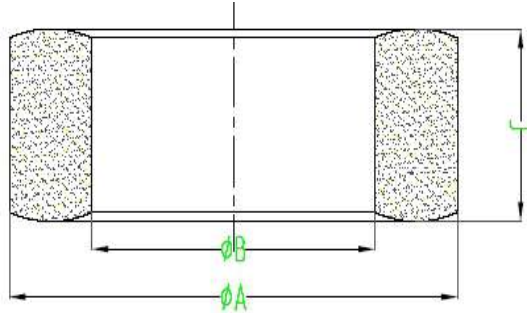
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25 $\pm$ 2 $^\circ$ C	f=100MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25 $\pm$ 2 $^\circ$ C
DN150H	$2100 \pm 25\%$	35 min	50 min
DN85H	$1200 \pm 25\%$	35 min	55 min



H cores

H29X19X15



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\Phi A$	$\Phi B$	C
Uncoat	$29.0 \pm 0.5$	$19.0 \pm 0.5$	$15.0 \pm 0.3$
Coat	$29.2 \pm 0.5$	$18.85 \pm 0.5$	$15.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	5652.0	mm <sup>3</sup>
le	effective length	76.5	mm
Ae	effective area	73.9	mm <sup>2</sup>
Wt	mass of core set	≈28.8	g

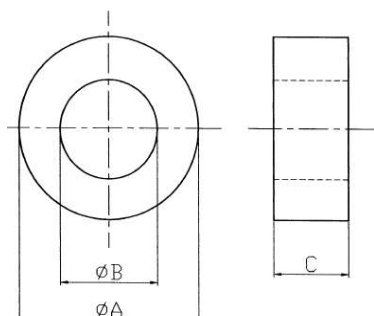
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, Φ0.35 mm	f=25MHz N=1Ts Φ1.0×100mm T=25±2°C	f=100MHz N=1Ts Φ1.0×100mm T=25±2°C
DN85H	$1050 \pm 25\%$	40 min	60 min
DN10H	$125 \pm 25\%$	20 min	58 min



H cores

H3. 05X1. 65X1. 65P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$3.05 \pm 0.15$	$1.65 \pm 0.15$	$1.65 \pm 0.15$
Coat	$2.25 \pm 0.15$	$1.50 \pm 0.15$	$1.85 \pm 0.15$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	8.52	mm <sup>3</sup>
le	effective length	7.60	mm
Ae	effective area	1.12	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.043$	g

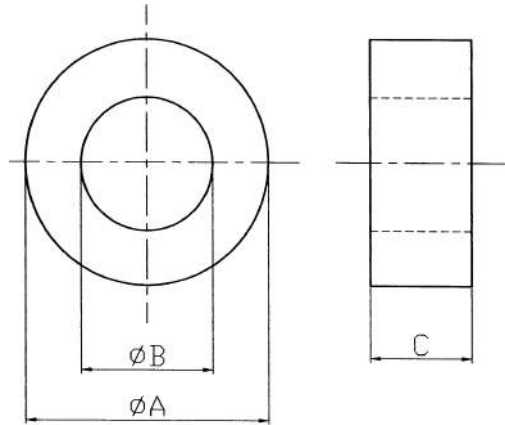
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=100kHz U=0.01V N=10Ts, $\Phi 0.1\text{mm}$
DN85H	120 $\pm$ 25%	5 min



H cores

H3. 5X1. 3X9P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$3.5 \pm 0.3$	$1.3 \pm 0.3$	$9.0 \pm 0.4$
Coat	$3.7 \pm 0.3$	$1.15 \pm 0.3$	$9.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	74.61	mm <sup>3</sup>
le	effective length	8.18	mm
Ae	effective area	9.12	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.38$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=100kHz U=0.01V N=10Ts, $\Phi 0.1$ mm
DN150H	$2000 \pm 25\%$	30 min

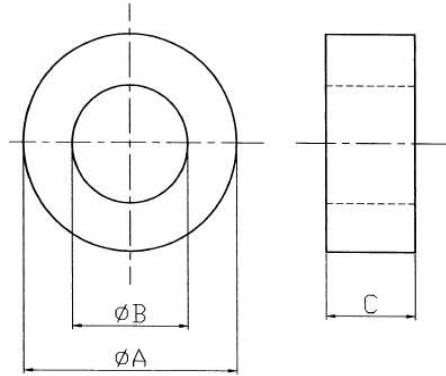
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**DMEGC**

**H cores**

**H3. 5X1. 8X9P**



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	$C$
Uncoat	$3.5 \pm 0.3$	$1.8 \pm 0.3$	$9.0 \pm 0.4$
Coat	$3.7 \pm 0.3$	$1.65 \pm 0.3$	$9.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	63.65	mm <sup>3</sup>
le	effective length	8.64	mm
Ae	effective area	7.37	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.32$	g

Characteristic

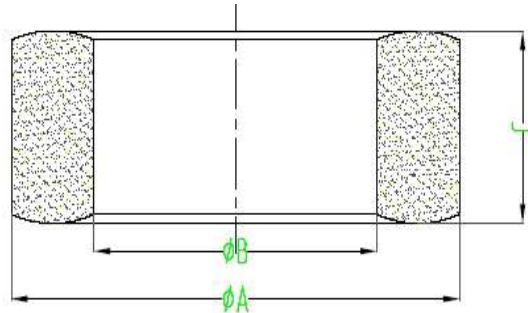
Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=100kHz U=0.01V N=10Ts, $\Phi 0.1$ mm
DN85H	$800 \pm 25\%$	30 min





H cores

H31X19X13



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	Φ A	Φ B	C
Uncoat	31.0±0.5	19.0±0.5	13.0±0.4
Coat	31.2±0.5	18.85±0.5	13.2±0.4

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	6123.0	mm <sup>3</sup>
le	effective length	80.1	mm
Ae	effective area	76.5	mm <sup>2</sup>
Wt	mass of core set	≈31.2	g

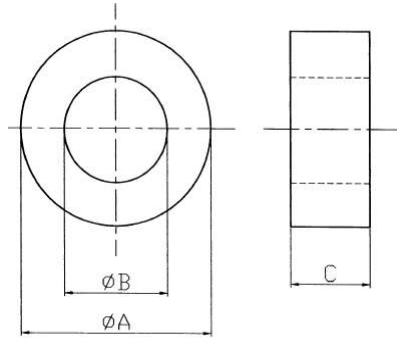
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, Φ0.35 mm	f=25MHz N=1Ts Φ1.0×100mm T=25±2°C	f=100MHz N=1Ts Φ1.0×100mm T=25±2°C
DN160L	2000±25%	35 min	50 min
DN85H	1050±25%	30 min	70 min
DN10H	125±25%	20 min	60 min



H cores

H32X19X13P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$32.0 \pm 0.5$	$19.0 \pm 0.5$	$13.0 \pm 0.4$
Coat	$32.2 \pm 0.5$	$18.85 \pm 0.5$	$13.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	6320.0	mm <sup>3</sup>
le	effective length	76.6	mm
Ae	effective area	82.6	mm <sup>2</sup>
Wt	mass of core set	≈35.2	g

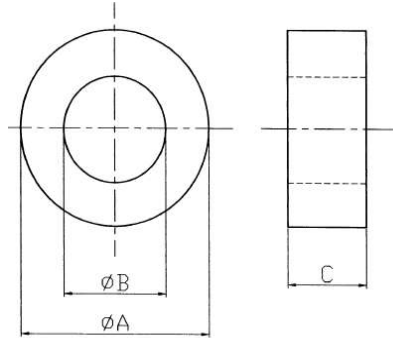
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN85H	$1150 \pm 25\%$	35 min



H cores

H36X23X15P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$36.0 \pm 0.8$	$23.0 \pm 0.6$	$15.0 \pm 0.5$
Coat	$36.2 \pm 0.8$	$22.85 \pm 0.6$	$15.2 \pm 0.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	9031.4	mm <sup>3</sup>
le	effective length	94.2	mm
Ae	effective area	95.9	mm <sup>2</sup>
Wt	mass of core set	≈46.1	g

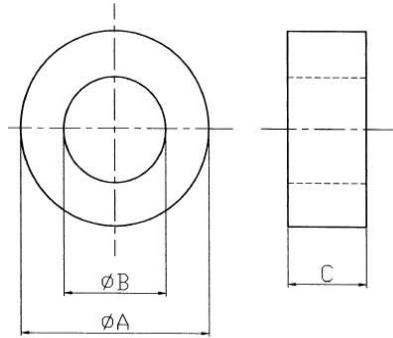
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25±2°C
DN150H	2000 ± 25%	38 min
DN85H	1140 ± 25%	35 min
DN65H	870 ± 25%	30 min
DN10H	130 ± 25%	20 min



H cores

H38. 1X19X12. 7P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$38.1 \pm 0.6$	$19.0 \pm 0.6$	$12.7 \pm 0.5$
Coat	$38.3 \pm 0.6$	$18.85 \pm 0.6$	$12.9 \pm 0.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	9650.0	mm <sup>3</sup>
le	effective length	82.8	mm
Ae	effective area	117.0	mm <sup>2</sup>
Wt	mass of core set	$\approx 56.6$	g

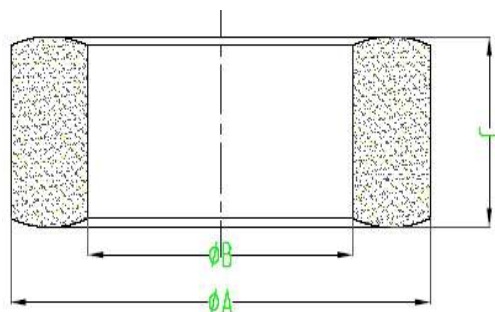
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0*100$ mm T=25 $\pm$ 2 $^{\circ}$ C	f=100MHz N=1Ts $\Phi 1.0*100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN160L	$2800 \pm 25\%$	50 min	63 min
DN80L	$1400 \pm 25\%$	45 min	80 min
DN30L	$530 \pm 25\%$	35 min	120 min



H cores

H4. 3X2. 8X2. 5



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$4.3 \pm 0.15$	$2.8 \pm 0.15$	$2.5 \pm 0.15$
Coat	$4.5 \pm 0.15$	$2.65 \pm 0.15$	$2.7 \pm 0.15$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	20.90	mm <sup>3</sup>
le	effective length	11.30	mm
Ae	effective area	1.85	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.11$	g

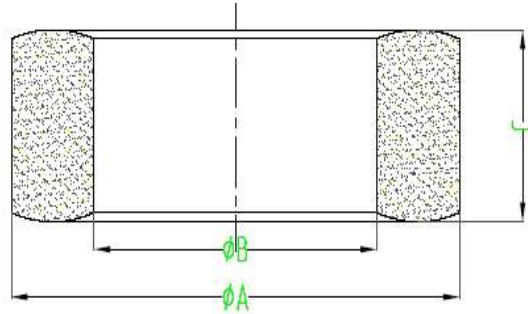
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN50B	$85 \pm 25\%$	5 min
DN85H	$150 \pm 25\%$	8min



H cores

H47X27X15



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	Φ A	Φ B	C
Uncoat	47.0 ± 0.6	27.0 ± 0.5	15.0 ± 0.4
Coat	47.2 ± 0.6	26.85 ± 0.5	15.2 ± 0.4

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	17427.0	mm <sup>3</sup>
le	effective length	119.2	mm
Ae	effective area	146.2	mm <sup>2</sup>
Wt	mass of core set	≈ 88.9	g

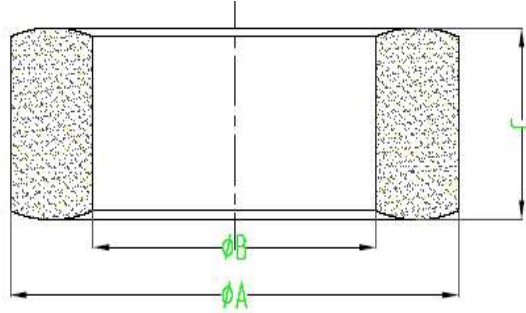
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, Φ0.35 mm	f=25MHz N=1Ts Φ0.95×100mm T=25±2°C	f=100MHz N=1Ts Φ0.95×100mm T=25±2°C
DN85H	1400 ± 30%	50 min	90 min



H cores

H48X30X15



CORE SETS

CORE DIMENSIONS (mm)

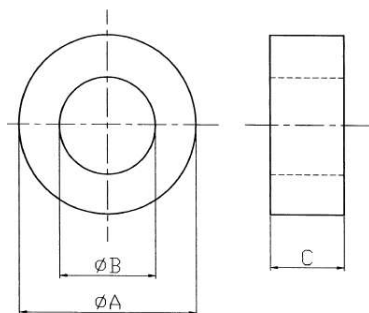
Spray paint	Dimensions (mm)		
	$\Phi A$	$\Phi B$	C
Uncoat	$48.0 \pm 0.6$	$30.0 \pm 0.5$	$15.0 \pm 0.4$
Coat	$48.2 \pm 0.6$	$29.85 \pm 0.5$	$15.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	16532.0	mm <sup>3</sup>
le	effective length	124.7	mm
Ae	effective area	132.5	mm <sup>2</sup>
Wt	mass of core set	≈84.3	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25 ± 2°C
DN150H	$2100 \pm 30\%$	40 min
DN85H	$1200 \pm 30\%$	45 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$5.8 \pm 0.15$	$4.6 \pm 0.15$	$3.7 \pm 0.15$
Coat	$6.0 \pm 0.15$	$4.45 \pm 0.15$	$3.9 \pm 0.15$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	35.80	$\text{mm}^3$
le	effective length	16.20	mm
Ae	effective area	2.21	$\text{mm}^2$
Wt	mass of core set	$\approx 0.2$	g

Characteristic

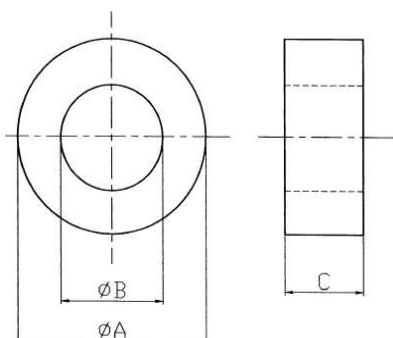
Grade	AL ( $\text{nH}/\text{N}^2$ )	Z ( $\Omega$ )
		$f=100\text{kHz}$ $U=0.25\text{V}$ $N=10\text{Ts}, \phi 0.35 \text{ mm}$
DN85H	$120 \pm 25\%$	10 min





H cores

H50X25X20P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$50.0 \pm 0.8$	$25.0 \pm 0.6$	$20.0 \pm 0.5$
Coat	$50.2 \pm 0.8$	$24.85 \pm 0.6$	$20.2 \pm 0.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	29437.0	mm <sup>3</sup>
le	effective length	122.5	mm
Ae	effective area	240.2	mm <sup>2</sup>
Wt	mass of core set	$\approx 150$	g

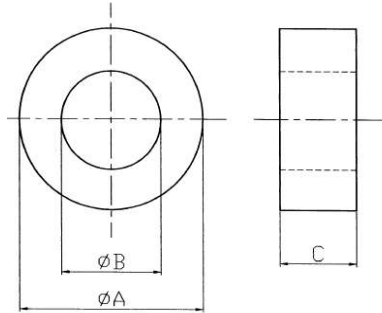
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 220$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN150H	$4100 \pm 30\%$	78 min
DN85H	$2300 \pm 30\%$	90 min
DN30L	$830 \pm 30\%$	40 min
DN10H	$270 \pm 30\%$	35 min



H cores

H5X3X6P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$5.0 \pm 0.3$	$3.0 \pm 0.3$	$6.0 \pm 0.3$
Coat	$5.2 \pm 0.3$	$2.85 \pm 0.3$	$6.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	70.60	mm <sup>3</sup>
le	effective length	12.00	mm
Ae	effective area	5.87	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.42$	g

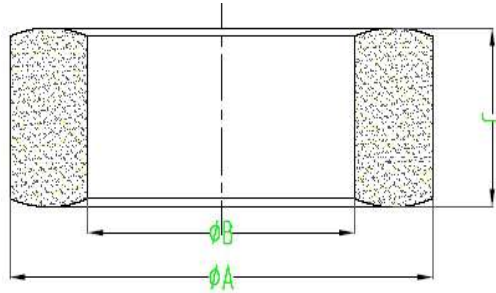
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=10Ts, $\phi 0.35$ mm	f=25MHz N=1Ts $\phi 0.5 \times 50$ mm T=25±2°C
DN85H	420±25%	22 min	36 min



H cores

H6. 5X4. 3X10



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$6.5 \pm 0.3$	$4.3 \pm 0.3$	$10.0 \pm 0.4$
Coat	$6.7 \pm 0.3$	$4.15 \pm 0.3$	$10.2 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	177.00	mm <sup>3</sup>
le	effective length	16.50	mm
Ae	effective area	10.70	mm <sup>2</sup>
Wt	mass of core set	$\approx 1.0$	g

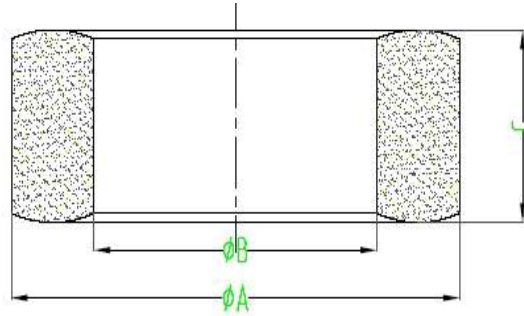
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN85H	$580 \pm 25\%$	25 min	55 min



H cores

H60X36X20



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$60.0 \pm 1.5$	$36.0 \pm 1.2$	$20.0 \pm 0.5$
Coat	$60.2 \pm 1.5$	$35.85 \pm 1.2$	$20.2 \pm 0.5$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	33900.0	mm <sup>3</sup>
le	effective length	144.0	mm
Ae	effective area	235.0	mm <sup>2</sup>
Wt	mass of core set	≈188	g

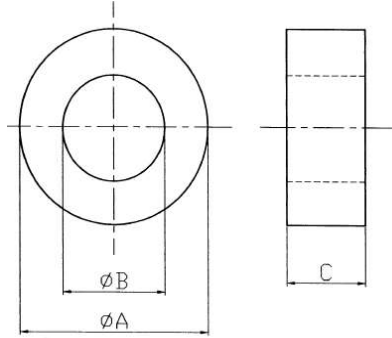
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN10H	200±30%	40 min



H cores

H63X38X25P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$63.0 \pm 1.0$	$38.0 \pm 0.8$	$25.0 \pm 0.6$
Coat	$63.2 \pm 1.0$	$37.85 \pm 0.8$	$25.2 \pm 0.6$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	49553.0	mm <sup>3</sup>
le	effective length	162.0	mm
Ae	effective area	306.0	mm <sup>2</sup>
Wt	mass of core set	≈257	g

Characteristic

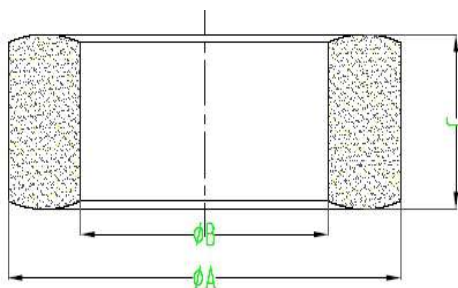
Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN120L	$2400 \pm 30\%$	75 min
DN85H	$1600 \pm 30\%$	60 min
DN10H	$200 \pm 30\%$	45 min



H cores

DMEGC

H6X3X3



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\Phi A$	$\Phi B$	C
Uncoat	$6.0 \pm 0.3$	$3.0 \pm 0.3$	$3.0 \pm 0.3$
Coat	$6.2 \pm 0.3$	$2.85 \pm 0.3$	$3.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	56.50	mm <sup>3</sup>
le	effective length	13.10	mm
Ae	effective area	4.32	mm <sup>2</sup>
Wt	mass of core set	≈0.35	g

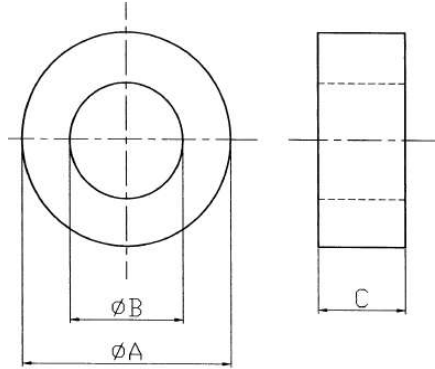
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z (Ω)
		f=1kHz U=0.25V N=10Ts, Φ0.35 mm
DN85H	290 ± 25%	15 min



H cores

H7. 5X2. 39X7. 54P



CORE SETS

CORE DIMENSIONS (mm)

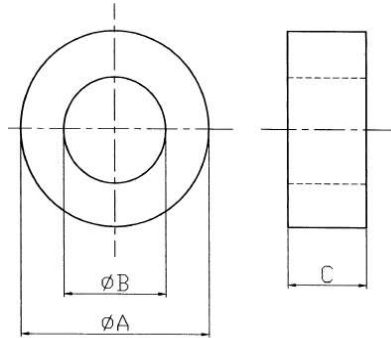
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$7.5 \pm 0.3$	$2.39 \pm 0.3$	$7.54 \pm 0.4$
Coat	$7.7 \pm 0.3$	$2.20 \pm 0.3$	$7.74 \pm 0.4$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	299.12	mm <sup>3</sup>
le	effective length	17.29	mm
Ae	effective area	17.30	mm <sup>2</sup>
Wt	mass of core set	$\approx 1.5$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm
DN85H	$1200 \pm 25\%$	48 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$73.66 \pm 2.0$	$45.72 \pm 1.5$	$20.0 \pm 0.8$
Coat	$73.90 \pm 2.0$	$45.52 \pm 1.5$	$20.2 \pm 0.8$

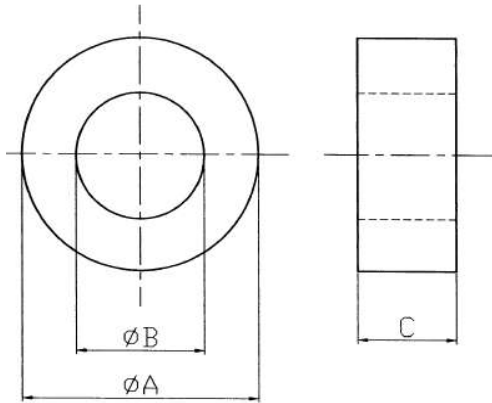
Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	45900.0	mm <sup>3</sup>
le	effective length	181.0	mm
Ae	effective area	274.0	mm <sup>2</sup>
Wt	mass of core set	≈272	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
		f=100kHz U=0.25V N=1Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.5*100$ mm T=25±2°C
DN160L	2450±30%	60 min	90 min
DM65A	950±30%	40 min	70 min





CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$8.1 \pm 0.3$	$4.35 \pm 0.3$	$4.0 \pm 0.3$
Coat	$8.3 \pm 0.3$	$4.20 \pm 0.3$	$4.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	146.59	$\text{mm}^3$
le	effective length	20.19	mm
Ae	effective area	7.26	$\text{mm}^2$
Wt	mass of core set	$\approx 0.75$	g

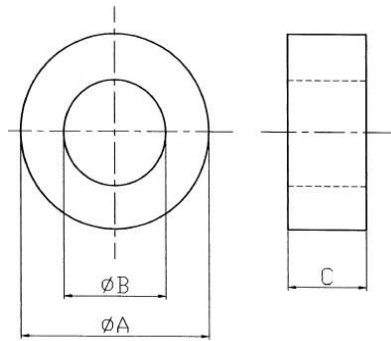
Characteristic

Grade	AL ( $\text{nH}/\text{N}^2$ )	Z ( $\Omega$ )
		$f=100\text{kHz}$ $U=0.25\text{V}$ $N=10\text{Ts}, \phi 0.35 \text{ mm}$
DN65H	$320 \pm 25\%$	15 min



H cores

H85. 7X55. 5X25. 4P



CORE SETS

CORE DIMENSIONS (mm)

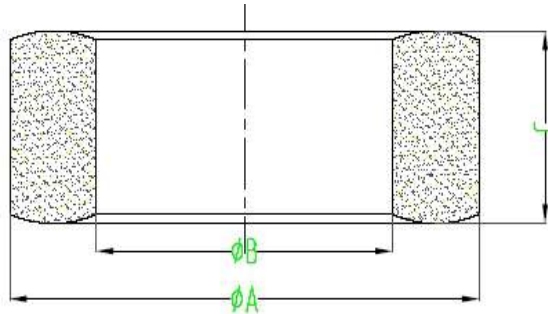
Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$85.7 \pm 2.0$	$55.5 \pm 1.0$	$25.4 \pm 1.0$
Coat	$85.9 \pm 2.0$	$55.3 \pm 1.0$	$25.6 \pm 1.0$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	8100.0	mm <sup>3</sup>
le	effective length	215.0	mm
Ae	effective area	378.0	mm <sup>2</sup>
Wt	mass of core set	≈442	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=100kHz U=0.25V N=1Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0*200$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 1.0*200$ mm T=25±2°C
DN85H	1500±30%	70 min	120 min
DN80L	1450±30%	65 min	125 min



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$8.0 \pm 0.2$	$4.0 \pm 0.2$	$4.0 \pm 0.2$
Coat	$8.2 \pm 0.2$	$3.85 \pm 0.2$	$4.2 \pm 0.2$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	150.72	mm <sup>3</sup>
le	effective length	19.60	mm
Ae	effective area	7.69	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.77$	g

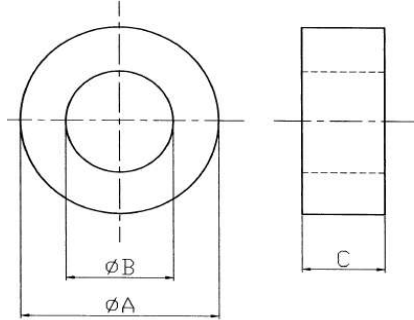
Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 (Ω)	Z2 (Ω)
	f=1kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25±2°C	f=100MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25±2°C
DN160L	$750 \pm 25\%$	18 min	30 min
DN120L	$550 \pm 25\%$	14 min	35 min
DN85H	$400 \pm 25\%$	12 min	40 min



# H cores

H9. 53X4. 75X3. 2P



## CORE SETS

### CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$9.53 \pm 0.25$	$4.75 \pm 0.25$	$3.2 \pm 0.15$
Coat	$9.73 \pm 0.25$	$4.60 \pm 0.25$	$3.4 \pm 0.15$

### Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	171.46	mm <sup>3</sup>
le	effective length	23.32	mm
Ae	effective area	7.35	mm <sup>2</sup>
Wt	mass of core set	$\approx 0.87$	g

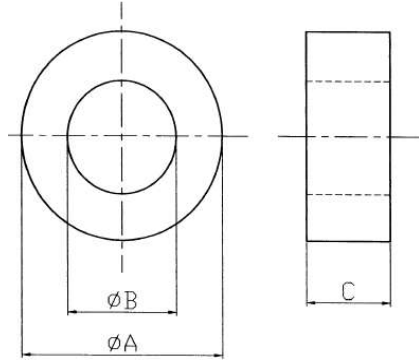
### Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z ( $\Omega$ )
	f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 0.65 \times 100$ mm T=25 $\pm$ 2°C
DN150H	$530 \pm 25\%$	16 min
DN85H	$300 \pm 25\%$	12 min
DN10H	$35 \pm 25\%$	10 min



H cores

H9X5X16P



CORE SETS

CORE DIMENSIONS (mm)

Spray paint	Dimensions (mm)		
	$\phi A$	$\phi B$	C
Uncoat	$9.0 \pm 0.3$	$5.0 \pm 0.25$	$16.0 \pm 0.3$
Coat	$9.2 \pm 0.3$	$4.85 \pm 0.25$	$16.2 \pm 0.3$

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Ve	effective volume	646.00	mm <sup>3</sup>
le	effective length	20.80	mm
Ae	effective area	31.10	mm <sup>2</sup>
Wt	mass of core set	$\approx 3.7$	g

Characteristic

Grade	AL (nH/N <sup>2</sup> )	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )
		f=100kHz U=0.25V N=10Ts, $\Phi 0.35$ mm	f=25MHz N=1Ts $\Phi 1.0 \times 100$ mm T=25 $\pm$ 2 $^{\circ}$ C
DN65H	$1000 \pm 25\%$	30 min	90 min