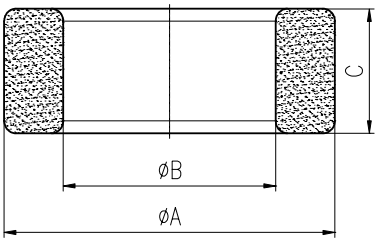
H cores H101X65X15P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.95	mm^{-1}
Ve	effective volume	67032.00	mm^3
le	effective length	252.00	mm
Ae	effective area	266.00	mm^2
Wt	mass of core	≈337.9	g



尺寸 / Coat	A	B	C
Uncoat	101.0±2.0	65.0±1.5	15.0±1.5
Coated	104.2max	62.5min	17.5max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3040±25%	≥320	≤40.55

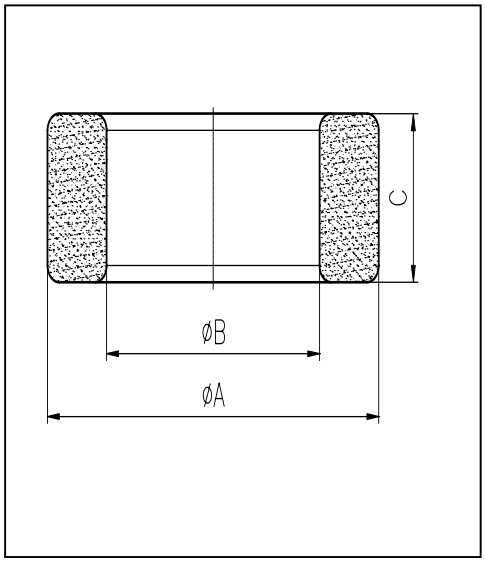
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	6000±25%	≈5000
R7K	7900±25%	≈7000
R10K	≥7500	≈10000
R12K	≥8200	≈12000

H cores H10X5X3

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.08	mm^{-1}
Ve	effective volume	154.13	mm^3
le	effective length	21.80	mm
Ae	effective area	7.07	mm^2
Wt	mass of core	≈0.9	g



尺寸 / Coat	A	B	C
Uncoat	10.0±0.3	5.0±0.3	3.0±0.2
Coated	10.7max	4.4min	3.6max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	810±25%	≥315	≤0.126

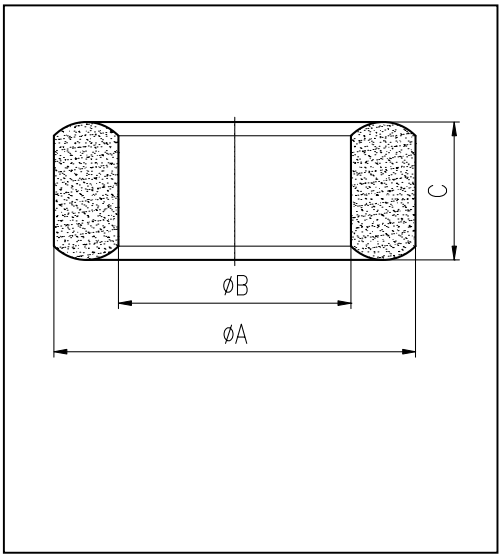
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
DMR71	1577±25%	≈3800
R5K	2070±25%	≈5000
R7K	2900±25%	≈7000
R10K	4150±30%	≈10000
R12K	≥4350	≈12000

H cores H10X6X4

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.28	mm^{-1}
Ve	effective volume	176.89	mm^3
le	effective length	24.10	mm
Ae	effective area	7.34	mm^2
Wt	mass of core	≈1.0	g



尺寸 / Coat	A	B	C
Uncoat	10.0±0.3	6.0±0.3	4.0±0.3
Coated	10.8max	5.3min	4.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	940±25%	≥315	≤0.14

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=500kHz B=50mT T=100℃
DMR50	500±25%	≥300	≤0.042

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	1700±25%	≈4300
R5K	2040±25%	≈5000
R7K	2860±25%	≈7000
R10K	4080±30%	≈10000
R12K	4900±30%	≈12000

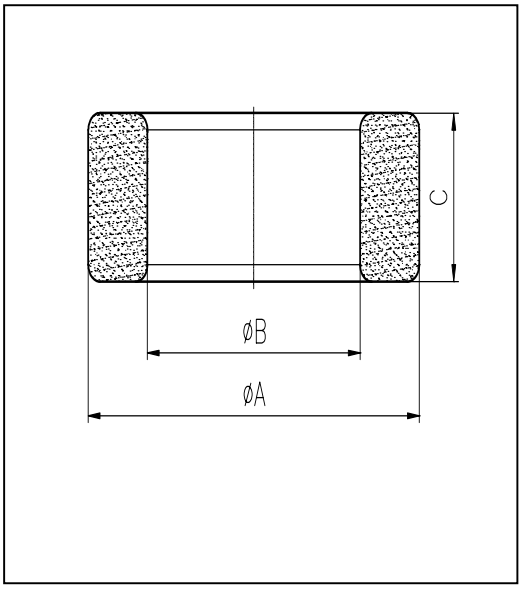
H cores

H11X7.3X5P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.06	mm^{-1}
Ve	effective volume	254.45	mm^3
le	effective length	27.90	mm
Ae	effective area	9.12	mm^2
Wt	mass of core	≈1.3	g



尺寸 / Coat	A	B	C
Uncoat	11.0±0.3	7.3±0.3	5.0±0.3
Coated	11.7max	6.6min	5.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	940±25%	≥315	≤0.182
DMR44	940±25%	≥315	≤0.143

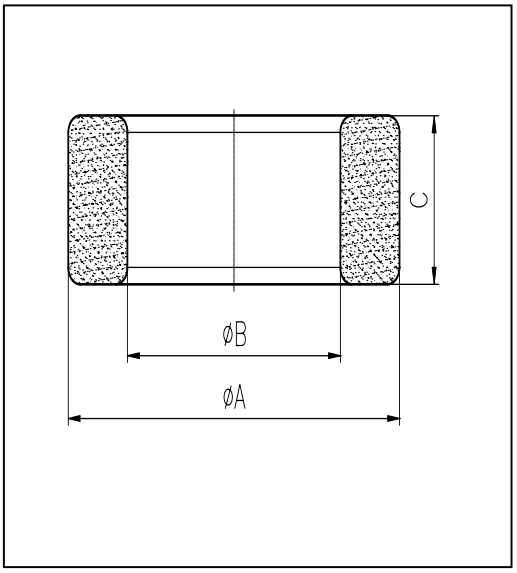
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
DMR71	1500±25%	≈3800
R7K	2870±25%	≈7000

H cores H12.7X7.14X6.35P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.72	mm^{-1}
Ve	effective volume	507.40	mm^3
le	effective length	29.50	mm
Ae	effective area	17.20	mm^2
Wt	mass of core	≈2.7	g



尺寸 / Coat	A	B	C
Uncoat	12.7±0.4	7.14±0.3	6.35±0.3
Coated	13.5max	7.22min	7.05max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1600±25%	≥315	≤0.351

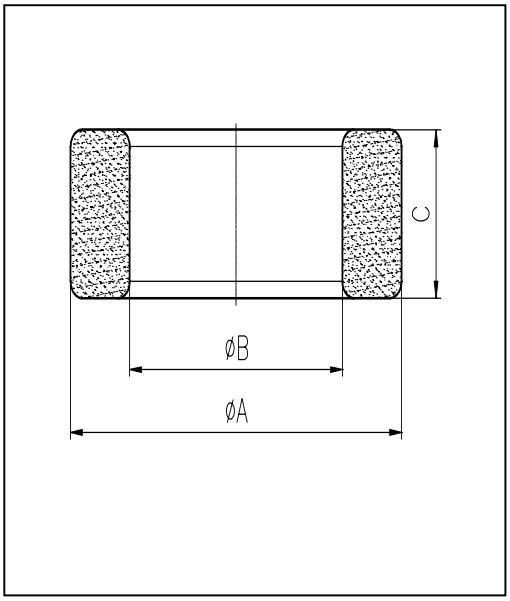
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	3650±25%	≈5000
R10K	7300±30%	≈10000
R12K	8780±30%	≈12000

H cores H12X6X4P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.30	mm^{-1}
Ve	effective volume	293.80	mm^3
le	effective length	26.00	mm
Ae	effective area	11.30	mm^2
Wt	mass of core	≈1.8	g



尺寸 / Coat	A	B	C
Uncoat	$12.0^{+0.2}_{-0.4}$	6.0±0.3	4.0±0.3
Coated	12.8max	5.3min	4.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1200±25%	≥315	≤0.26
DMR44	1200±25%	≥315	≤0.20
DMR95	1800±25%	≥315	≤0.20

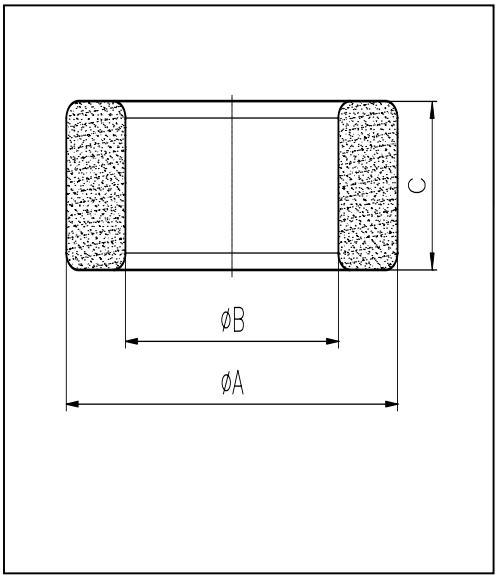
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	2770±25%	≈5000
R7K	3500±25%	≈7000
R10K	5540±30%	≈10000
R12K	6640±30%	≈12000

H cores H13X7X5P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.04	mm^{-1}
Ve	effective volume	402.50	mm^3
le	effective length	35.00	mm
Ae	effective area	11.50	mm^2
Wt	mass of core	≈2.2	g



尺寸 / Coat	A	B	C
Uncoat	13.0±0.4	7.0±0.3	5.0±0.3
Coated	13.7max	6.4min	5.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1400±25%	≥315	≤0.286

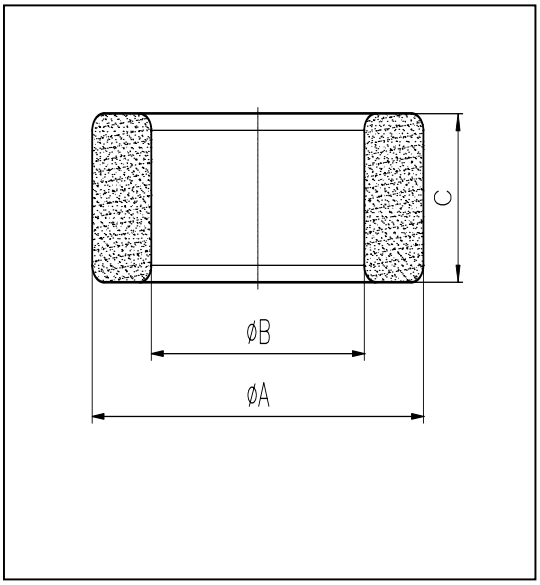
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	3090±25%	≈5000
R7K	4328±25%	≈7000
R10K	6100±30%	≈10000

H cores H14X8X4P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.89	mm^{-1}
Ve	effective volume	375.06	mm^3
le	effective length	32.90	mm
Ae	effective area	11.40	mm^2
Wt	mass of core	≈2.0	g



尺寸 / Coat	A	B	C
Uncoat	$14.0^{+0.1}_{-0.2}$	$8.0^{+0.2}_{-0.1}$	$4.0^{+0.1}_{-0.2}$
Coated	14.8max	7.3min	4.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR24	900±25%	≥325	≤0.32
DMR40	1030±25%	≥315	≤0.28
DMR44	1030±25%	≥315	≤0.22

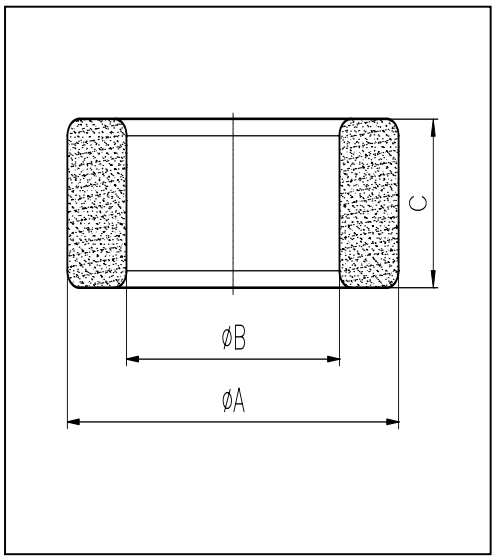
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	2200±25%	≈4300
R5K	2330±25%	≈5000
R7K	3130±25%	≈7000
R10K	4470±30%	≈10000
R12K	5370±30%	≈12000

H cores H14X9X5P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.04	mm^{-1}
Ve	effective volume	402.50	mm^3
le	effective length	35.00	mm
Ae	effective area	11.50	mm^2
Wt	mass of core	≈2.2	g



尺寸 / Coat	A	B	C
Uncoat	14.0±0.4	9.0±0.25	5.0±0.2
Coated	14.8max	8.3min	5.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1010±25%	≥315	≤0.286
DMR95	1500±25%	≥315	≤0.209

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=500kHz B=50mT T=100℃
DMR50	450±25%	≥300	≤0.026

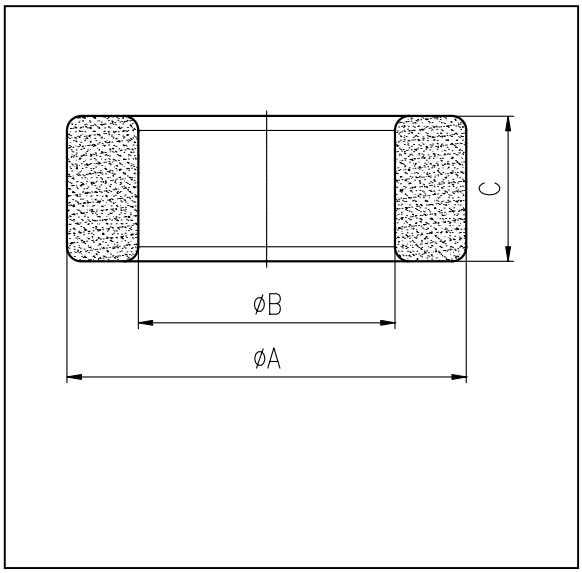
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	1900±25%	≈4300
R5K	2210±25%	≈5000

H cores H160X133X25P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.36	mm^{-1}
Ve	effective volume	153946.73	mm^3
le	effective length	457.63	mm
Ae	effective area	336.40	mm^2
Wt	mass of core	≈745.6	g



尺寸 / Coat	A	B	C
Uncoat	160.0±3.0	133.0±2.5	25.0±2.5
Coated	164.0max	130.0min	28.0max

Note: With grass green epoxy coating

Characteristice

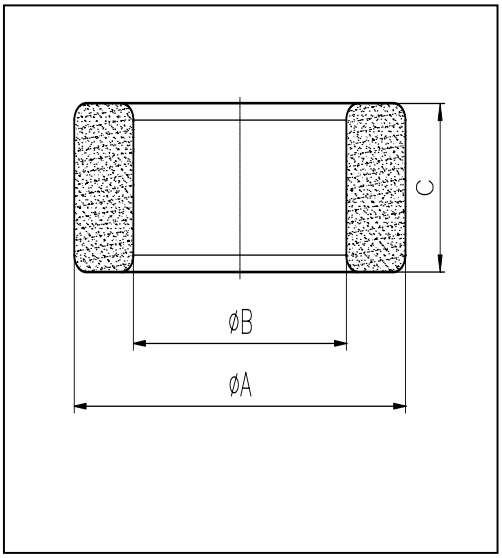
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2150±25%	≥320	≤96.9

H cores H16X12X8P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.73	mm^{-1}
Ve	effective volume	690.06	mm^3
le	effective length	43.40	mm
Ae	effective area	15.90	mm^2
Wt	mass of core	≈3.5	g



尺寸 / Coat	A	B	C
Uncoat	16.0±0.4	12.0±0.3	8.0±0.3
Coated	16.8max	11.3min	8.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1050±25%	≥315	≤0.10

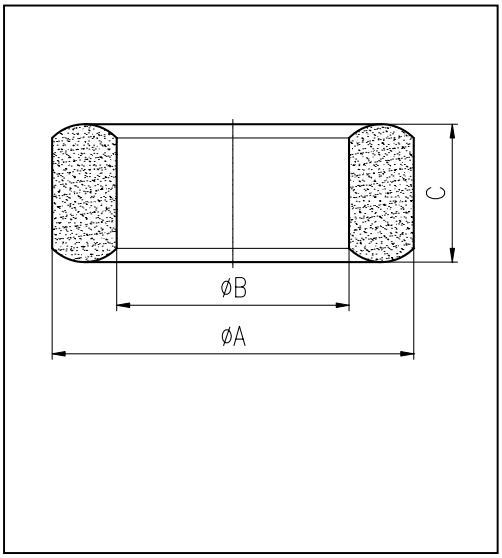
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	2300±25%	≈5000
R7K	3220±25%	≈7000
R10K	4600±30%	≈10000
R12K	≥3910	≈12000

H cores H16X9.6X6.3

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.06	mm^{-1}
Ve	effective volume	719.95	mm^3
le	effective length	38.50	mm
Ae	effective area	18.70	mm^2
Wt	mass of core	≈4.0	g



尺寸 / Coat	A	B	C
Uncoat	16.0±0.3	9.6±0.3	6.3±0.2
Coated	16.8max	8.9min	7.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1350±25%	≥315	≤0.45
DMR44	1450±25%	≥315	≤0.42

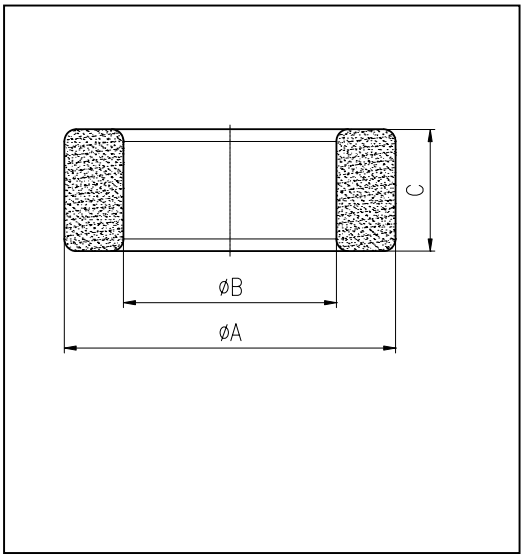
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=500kHz B=50mT T=100℃
DMR55	1200±25%	≥300	≤0.23

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	2700±25%	≈4300
R5K	3350±25%	≈5000
R7K	4500±25%	≈7000
R10K	6430±30%	≈10000
R12K	≥4500	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.93	mm^{-1}
Ve	effective volume	542.64	mm^3
le	effective length	39.90	mm
Ae	effective area	13.60	mm^2
Wt	mass of core	≈2.9	g



尺寸 / Coat	A	B	C
Uncoat	17.5±0.4	9.5±0.3	3.5±0.3
Coated	18.3max	8.8min	4.3max

Note: With grass green epoxy coating

Characteristice

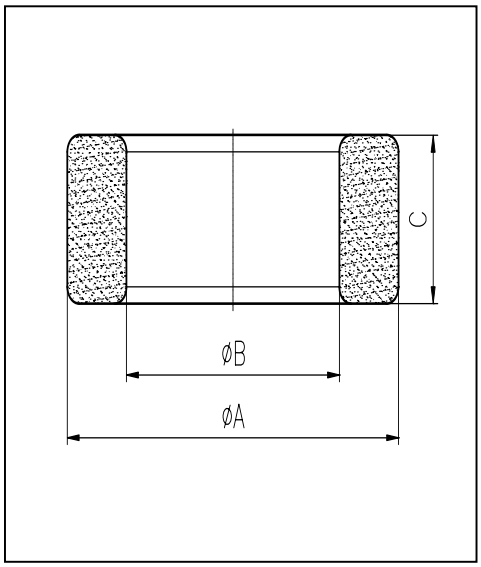
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	900±25%	≥315	≤0.41
DMR44	900±25%	≥315	≤0.32

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R7K	2990±25%	≈7000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.07	mm^{-1}
Ve	effective volume	1614.35	mm^3
le	effective length	41.50	mm
Ae	effective area	38.90	mm^2
Wt	mass of core	≈8.5	g



尺寸 / Coat	A	B	C
Uncoat	18±0.4	10.0±0.3	10.0±0.4
Coated	18.9max	9.3min	10.7max

Note: With grass green epoxy coating

Characteristice

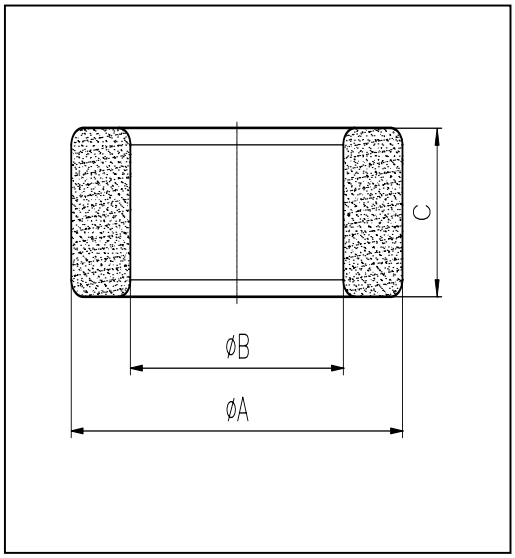
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2500±25%	≥315	≤1.19
DMR44	2500±25%	≥315	≤0.94

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	5870±25%	≈5000
R7K	8220±25%	≈7000
R10K	11740±30%	≈10000
R12K	≥9860	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.53	mm^{-1}
Ve	effective volume	1128.80	mm^3
le	effective length	41.50	mm
Ae	effective area	27.20	mm^2
Wt	mass of core	≈6.0	g



尺寸 / Coat	A	B	C
Uncoat	18.0±0.4	10.0±0.25	7.0±0.2
Coated	18.9max	9.2min	7.9max

Note: With grass green epoxy coating

Characteristice

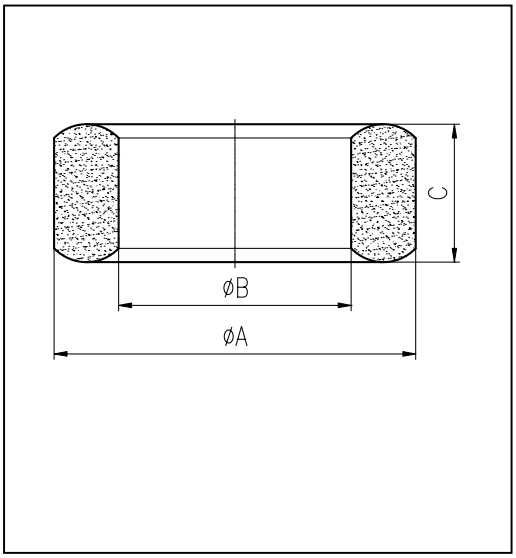
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1850±25%	≥315	≤0.73

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	4100±25%	≈5000
R7K	5750±25%	≈7000
R10K	8220±30%	≈10000
R12K	9600±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.84	mm^{-1}
Ve	effective volume	737.38	mm^3
le	effective length	45.80	mm
Ae	effective area	16.10	mm^2
Wt	mass of core	≈4.15	g



尺寸 / Coat	A	B	C
Uncoat	18.0±0.4	12.0±0.3	6.0±0.3
Coated	18.8max	11.3min	6.7max

Note: With grass green epoxy coating

Characteristice

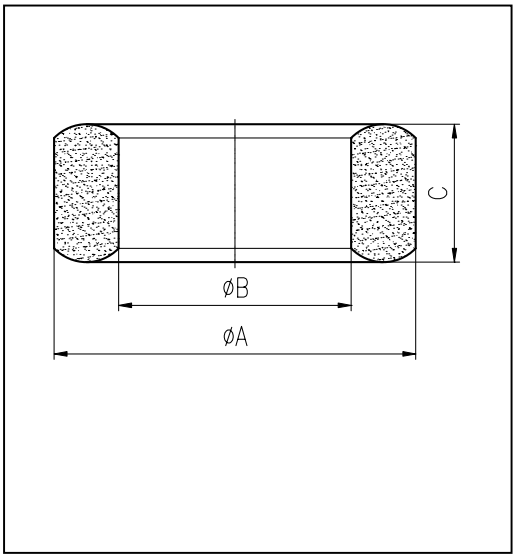
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	1118±25%	≥315	≤0.54
DMR44	1118±25%	≥315	≤0.44

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	2430±25%	≈5000
R7K	3400±25%	≈7000
R10K	4860±30%	≈10000
R12K	5832±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.84	mm^{-1}
Ve	effective volume	737.38	mm^3
le	effective length	45.80	mm
Ae	effective area	16.10	mm^2
Wt	mass of core	≈4.15	g



尺寸 / Coat	A	B	C
Uncoat	18.0±0.4	12.0±0.3	6.0±0.3
Coated	18.8max	11.3min	6.7max

Note: With grass green epoxy coating

Characteristice

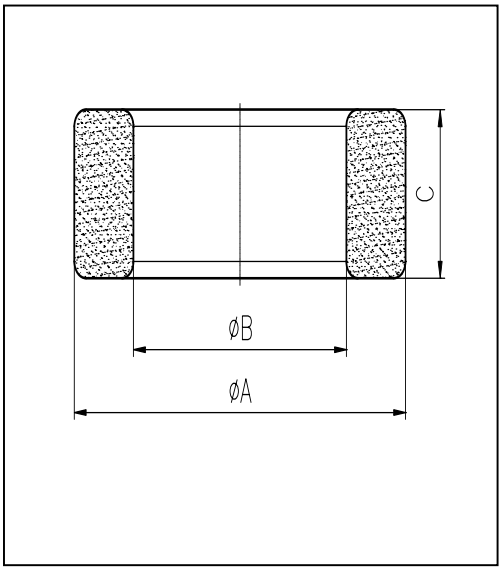
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	1118±25%	≥315	≤0.54
DMR44	1118±25%	≥315	≤0.44

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	2430±25%	≈5000
R7K	3400±25%	≈7000
R10K	4860±30%	≈10000
R12K	5832±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	2.30	mm^{-1}
Ve	effective volume	873.60	mm^3
le	effective length	44.80	mm
Ae	effective area	19.50	mm^2
Wt	mass of core	≈4.6	g



尺寸 / Coat	A	B	C
Uncoat	19.0±0.5	11.0±0.3	5.0±0.4
Coated	19.8max	10.3min	5.7max

Note: With grass green epoxy coating

Characteristice

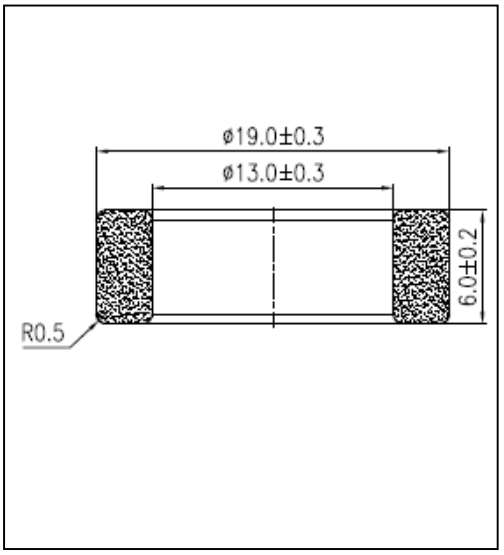
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1256±25%	≥315	≤0.60
DMR44	1256±25%	≥315	≤0.48

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	2730±25%	≈5000
R7K	3821±25%	≈7000
R10K	5450±30%	≈10000
R12K	6551±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	#N/A	mm^{-1}
Ve	effective volume	873.98	mm^3
le	effective length	49.10	mm
Ae	effective area	17.80	mm^2
Wt	mass of core	≈4.43	g



尺寸 / Coat	A	B	C
Uncoat	19.0±0.3	13.0±0.3	6.0±0.2
Coated	19.8max	12.3min	6.7max

Note: With grass green epoxy coating

Characteristice

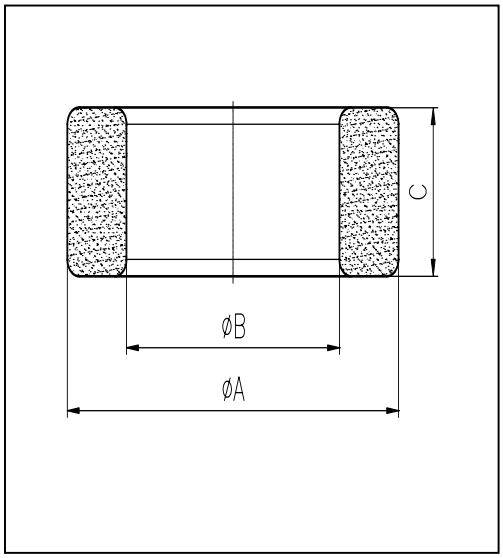
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1046±25%	≥315	≤0.58
DMR44	1046±25%	≥315	≤0.47

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	1956±25%	≈4300
R5K	2274±25%	≈5000
R7K	3180±25%	≈7000
R10K	4548±30%	≈10000
R12K	5458±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.30	mm^{-1}
Ve	effective volume	1471.68	mm^3
le	effective length	43.80	mm
Ae	effective area	33.60	mm^2
Wt	mass of core	≈7.92	g



尺寸 / Coat	A	B	C
Uncoat	20.0±0.25	10.0±0.3	7.0±0.25
Coated	20.8max	9.3min	7.8max

Note: With grass green epoxy coating

Characteristice

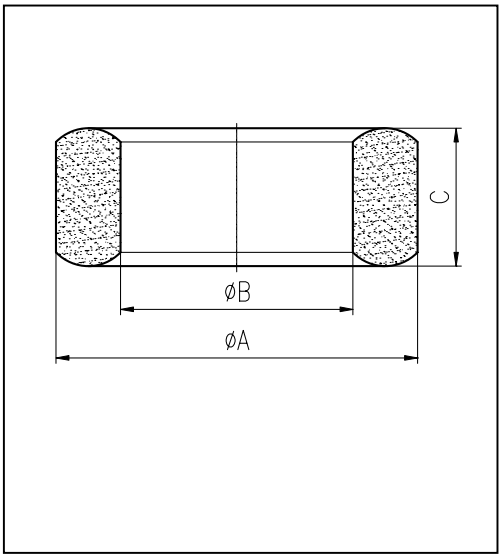
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2180±25%	≥320	≤1.03
DMR44	2180±25%	≥320	≤0.83

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	2080±25%	≈4300
R5K	4850±25%	≈5000
R7K	6785±25%	≈7000
R10K	9690±30%	≈10000
R12K	≥8140	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.31	mm^{-1}
Ve	effective volume	1770.08	mm^3
le	effective length	48.10	mm
Ae	effective area	36.80	mm^2
Wt	mass of core	≈10	g



尺寸 / Coat	A	B	C
Uncoat	20.0±0.5	12.0±0.3	10.0±0.4
Coated	20.8max	11.3min	10.8max

Note: With grass green epoxy coating

Characteristice

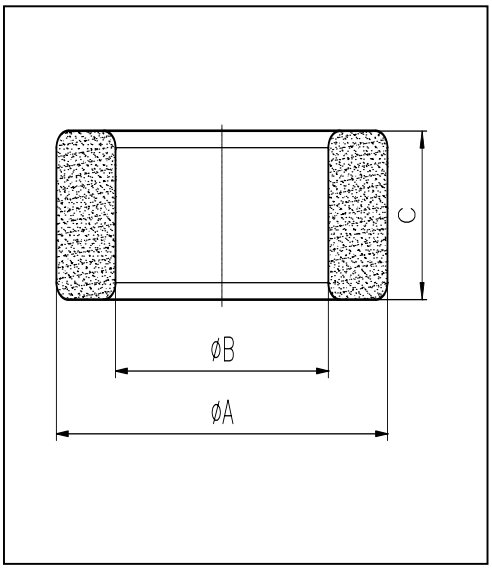
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2347±25%	≥320	≤1.30
DMR44	2347±25%	≥320	≤1.05

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	5100±25%	≈5000
R7K	7140±25%	≈7000
R10K	10200±30%	≈10000
R12K	≥8572	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.03	mm^{-1}
Ve	effective volume	2829.4	mm^3
le	effective length	54.1	mm
Ae	effective area	52.3	mm^2
Wt	mass of core	≈14.4	g



尺寸 / Coat	A	B	C
Uncoat	22.1±0.4	13.7±0.3	12.7±0.25
Coated	22.8max	13.0min	13.4max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2790±25%	≥320	≤1.87
DMR44	2790±25%	≥320	≤1.51

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	6070±25%	≈5000
R7K	8490±25%	≈7000
R10K	12000±30%	≈10000
R12K	14000±30%	≈12000

DM7.780.606

全部 √

标记	处数	分 区	更改文件号	签 名	年 月 日

设计		04.12.28	标准化			阶段标记	重量	比例
CAD								3:1
审核			批准			共 页	第 页	
工艺			REV					

DMEGC 软磁事业部

H22X14X10 磁芯

DM7.780.606

DM7.780.5641

全部 √

标记	处数	分 区	更改文件号	签 名	年 月 日

设计		04.12.31	标准化			阶段标记	重量	比例
CAD								3:1
审核			批准			共 页	第 页	
工艺			REV					

DMEGC 软磁事业部

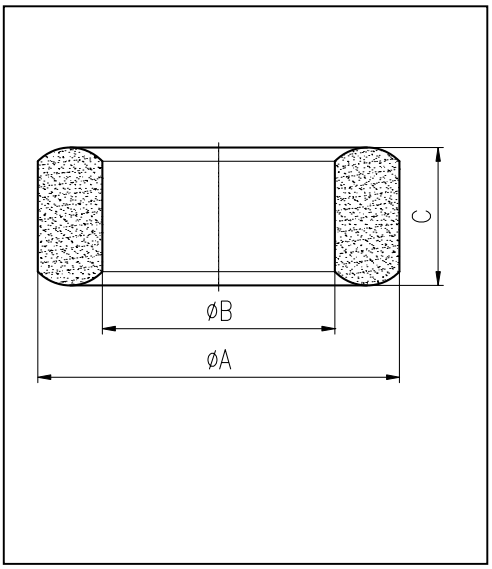
H22X14X10P磁芯

DM7.780.5641

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.85	mm^{-1}
Ve	effective volume	1610.70	mm^3
le	effective length	54.60	mm
Ae	effective area	29.50	mm^2
Wt	mass of core	≈9.0	g



尺寸 / Coat	A	B	C
Uncoat	22.0±0.4	14.0±0.4	8.0±0.3
Coated	22.9max	13.2min	8.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1660±25%	≥320	≤1.08
DMR44	1660±25%	≥320	≤0.95
DMR95	2300±25%	≥340	≤0.90

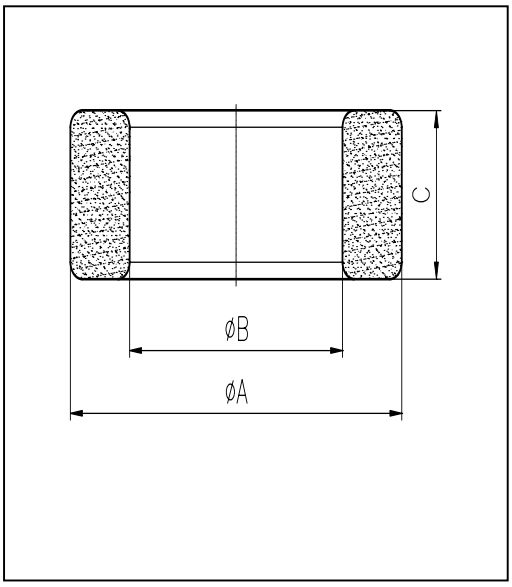
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	3610±25%	≈5000
R7K	5050±25%	≈7000
R10K	7200±30%	≈10000
R12K	8500±30%	≈12000

H cores H23X14X9P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.41	mm^{-1}
Ve	effective volume	2215.26	mm^3
le	effective length	55.80	mm
Ae	effective area	39.70	mm^2
Wt	mass of core	≈11.3	g



尺寸 / Coat	A	B	C
Uncoat	23.0±0.7	14.0±0.6	9.0±0.45
Coated	23.9max	13.2min	9.8max

Note: With grass green epoxy coating

Characteristice

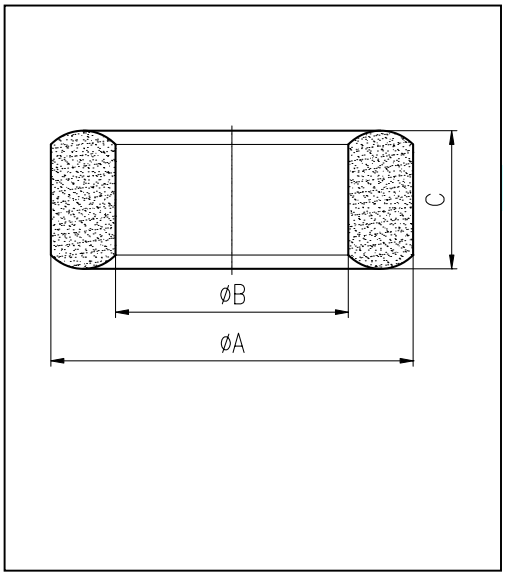
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2050±25%	≥320	≤1.36
DMR44	2050±25%	≥320	≤1.19

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	4460±25%	≈5000
R7K	6250±25%	≈7000
R10K	8930±30%	≈10000
R12K	10710±30%	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.31	mm^{-1}
Ve	effective volume	2758.59	mm^3
le	effective length	60.10	mm
Ae	effective area	45.90	mm^2
Wt	mass of core	≈15.1	g



尺寸 / Coat	A	B	C
Uncoat	25.0±0.4	15.0±0.4	10.0±0.3
Coated	25.8max	14.3min	10.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR24	2000±25%	≥320	≤2.04
DMR40	2200±25%	≥320	≤1.80
DMR44	2200±25%	≥340	≤1.51
DMR95	2800±25%	≥340	≤1.51

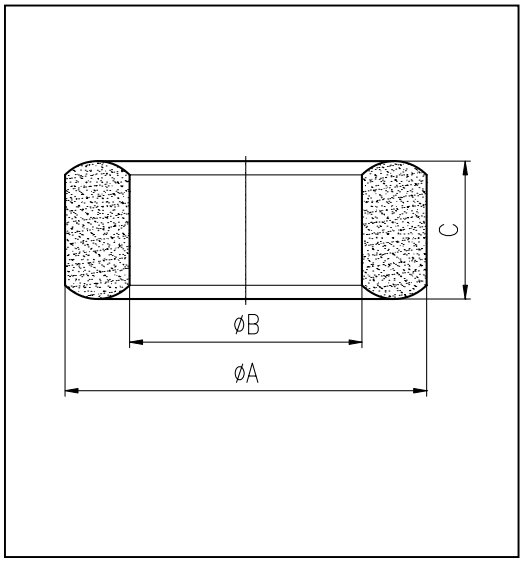
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=500kHz B=50mT T=100℃
DMR55	1840±25%	≥340	≤0.83

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	4400±25%	≈4300
R5K	5100±25%	≈5000
R7K	6620±25%	≈7000
R10K	10200±30%	≈10000
R12K	≥7950	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.98	mm^{-1}
Ve	effective volume	3690.14	mm^3
le	effective length	60.10	mm
Ae	effective area	61.40	mm^2
Wt	mass of core	≈20	g



尺寸 / Coat	A	B	C
Uncoat	25±0.4	15.0±0.4	13.0±0.3
Coated	25.8max	14.3min	13.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3051±25%	≥320	≤2.40
DMR44	3051±25%	≥320	≤2.10

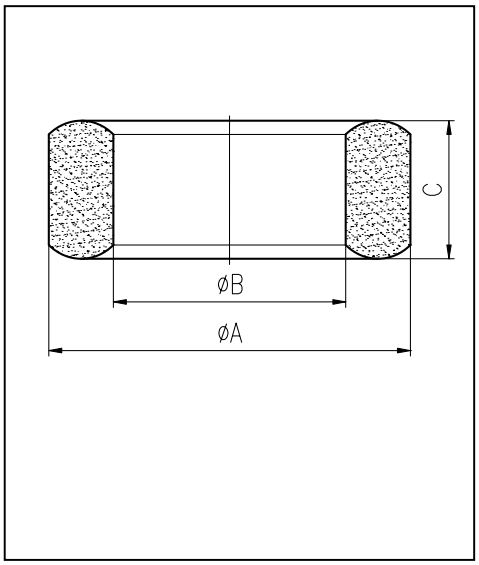
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	6633±25%	≈5000
R7K	9290±25%	≈7000
R10K	13200±30%	≈10000
R12K	≥11080	≈12000
R15K	≥12720	≈15000

H cores H26X15X20

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.59	mm^{-1}
Ve	effective volume	6303.6	mm^3
le	effective length	61.2	mm
Ae	effective area	103.0	mm^2
Wt	mass of core	≈34.7	g



尺寸 / Coat	A	B	C
Uncoat	26±0.5	15.0±0.5	20.0±0.7
Coated	25.8max	14.3min	20.8max

Note: With grass green epoxy coating

Characteristice

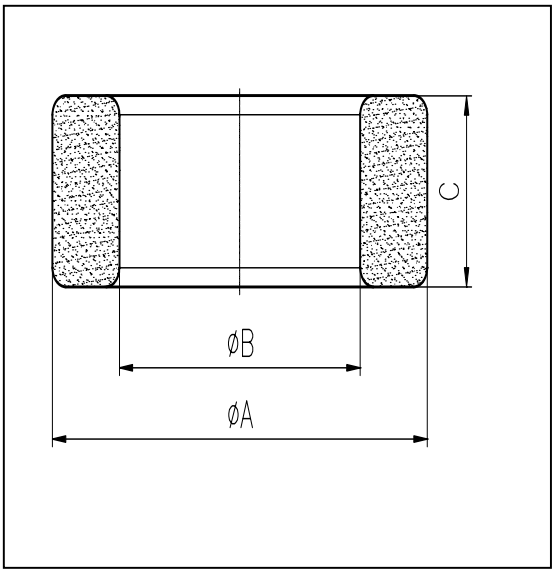
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	5055±25%	≥320	≤4.51
DMR44	5055±25%	≥320	≤3.64

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	11000±25%	≈5000
R7K	15000±25%	≈7000
R10K	20000±30%	≈10000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.19	mm^{-1}
Ve	effective volume	4205.52	mm^3
le	effective length	70.80	mm
Ae	effective area	59.40	mm^2
Wt	mass of core	≈21.2	g



尺寸 / Coat	A	B	C
Uncoat	27±0.5	19±0.5	15±0.5
Coated	27.8max	18.3min	15.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2422±25%	≥320	≤2.55

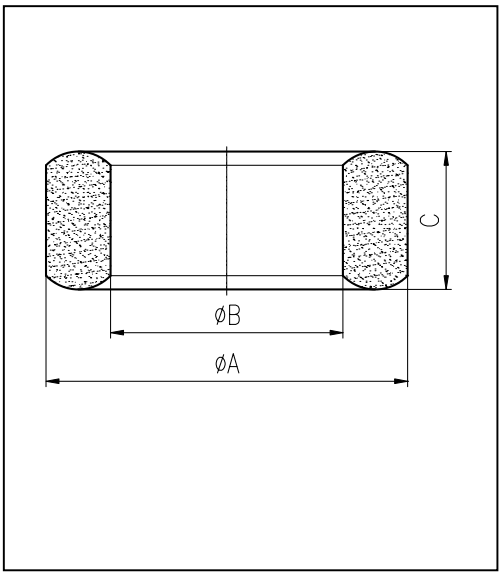
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R10K	10530±25%	≈10000

H cores H28X16X13

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.92	mm^{-1}
Ve	effective volume	4696.96	mm^3
le	effective length	65.60	mm
Ae	effective area	71.60	mm^2
Wt	mass of core	≈25.9	g



尺寸 / Coat	A	B	C
Uncoat	28.0±0.4	16.0±0.3	13.0±0.3
Coated	28.8max	15.3min	13.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3610±25%	≥320	≤3.11
DMR95	4600±25%	≥340	≤2.35

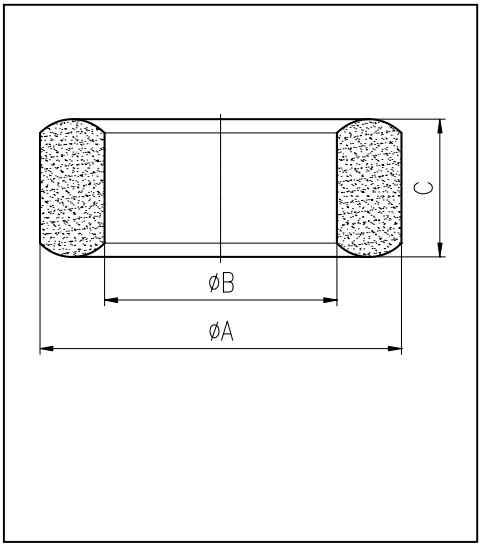
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	7270±25%	≈5000
R7K	9390±25%	≈7000
R10K	9390±30%	≈10000
R12K	≥10580	≈12000

H cores H29X19X15

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.03	mm^{-1}
Ve	effective volume	5197.20	mm^3
le	effective length	73.20	mm
Ae	effective area	71.00	mm^2
Wt	mass of core	≈28.0	g



尺寸 / Coat	A	B	C
Uncoat	29.0±0.5	19.0±0.5	15.0±0.3
Coated	29.8max	18.2min	15.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3000±25%	≥320	≤3.40
DMR44	3000±25%	≥320	≤2.80
DMR47	3200±25%	≥340	≤2.52
DMR95	3800±25%	≥340	≤2.86

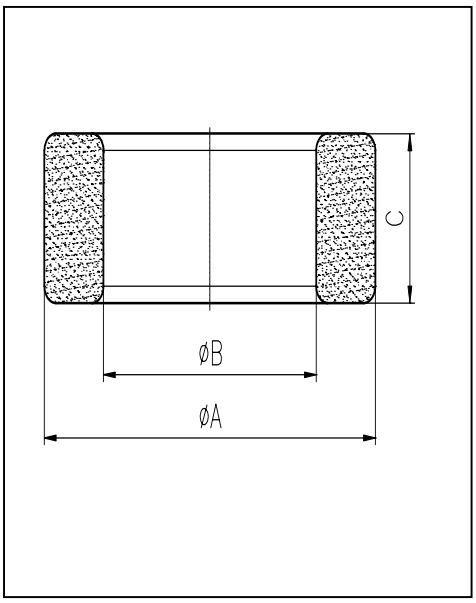
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	5060±25%	≈4300
R5K	6330±25%	≈5000
R7K	8280±25%	≈7000
R10K	12600±30%	≈10000
R12K	≥10580	≈12000

H cores H3.05X1.78X1.52P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	7.69	mm^{-1}
Ve	effective volume	6.80	mm^3
le	effective length	7.23	mm
Ae	effective area	0.94	mm^2
Wt	mass of core	≈0.04	g



尺寸 / Coat	A	B	C
Uncoat	3.05±0.13	1.78±0.13	$1.52^{+0.13}_{-0.12}$
Coated	3.05±0.13	1.78±0.13	$1.52^{+0.13}_{-0.12}$

Note: With parylene coating

Characteristice

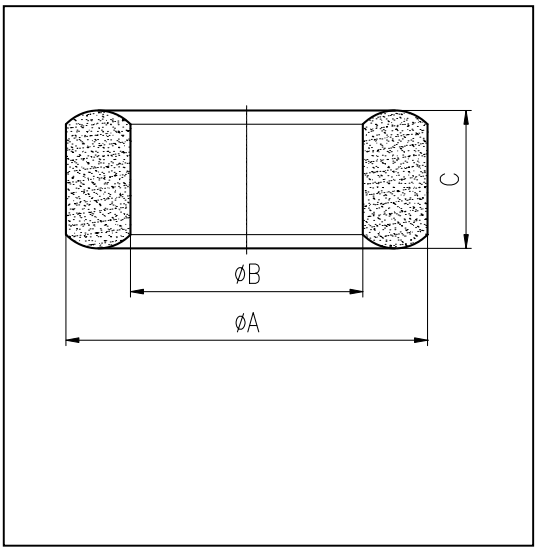
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	370±25%	—	—

H cores H31X19X13

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.04	mm^{-1}
Ve	effective volume	5481.58	mm^3
le	effective length	75.40	mm
Ae	effective area	72.70	mm^2
Wt	mass of core	≈30	g



尺寸 / Coat	A	B	C
Uncoat	31.0±0.5	19.0±0.5	13.0±0.4
Coated	31.8max	18.2min	13.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2700±25%	≥320	≤3.6
DMR95	4000±25%	≥340	≤3.0

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	6350±25%	≈5000
R7K	8900±25%	≈7000
R10K	12700±30%	≈10000
R12K	≥10160	≈12000

H cores H32X19X13P

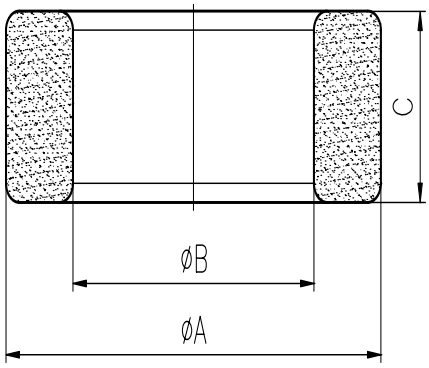
CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.93	mm^{-1}
Ve	effective volume	6327.16	mm^3
le	effective length	76.60	mm
Ae	effective area	82.60	mm^2
Wt	mass of core	≈33.2	g

尺寸 / Coat	A	B	C
Uncoat	32.0±0.5	19.0±0.5	13.0±0.4
Coated	32.8max	18.2min	13.8max

Note: With grass green epoxy coating



Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2800±25%	≥320	≤4.0

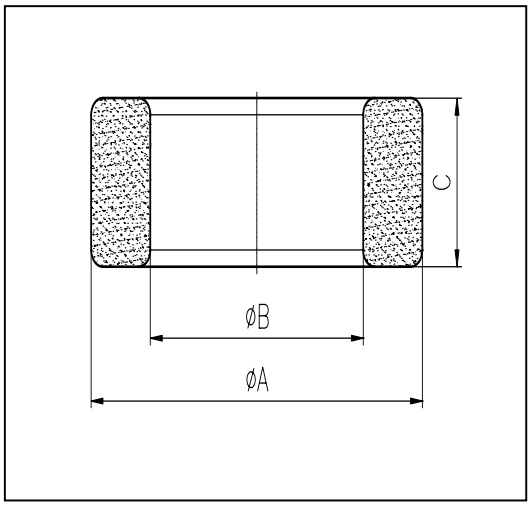
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	6770±25%	≈5000
R7K	9500±25%	≈7000
R10K	≥9000	≈10000
R12K	≥10800	≈12000

H cores H36X23X15P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.99	mm^{-1}
Ve	effective volume	8090.88	mm^3
le	effective length	89.60	mm
Ae	effective area	90.30	mm^2
Wt	mass of core	≈44.3	g



尺寸 / Coat	A	B	C
Uncoat	36.0±0.8	23.0±0.6	15.0±0.5
Coated	36.9max	22.2min	15.9max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2700±25%	≥320	≤5.30
DMR44	2700±25%	≥320	≤4.43
DMR47	3000±25%	≥340	≤4.00
DMR95	4000±25%	≥340	≤4.50

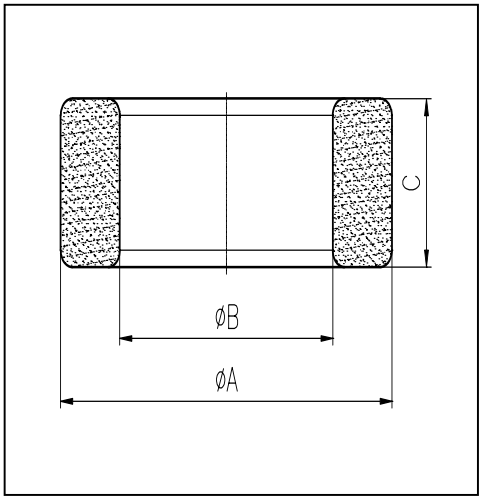
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	5750±25%	≈4300
R5K	6710±25%	≈5000
R7K	9390±25%	≈7000
R10K	≥9400	≈10000
R12K	≥11250	≈12000

H cores H38.1X19X13P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.71	mm^{-1}
Ve	effective volume	9687.6	mm^3
le	effective length	82.8	mm
Ae	effective area	117.0	mm^2
Wt	mass of core	≈54.0	g



尺寸 / Coat	A	B	C
Uncoat	38.1±0.5	19.0±0.5	13.0±0.4
Coated	39.1max	18.1min	13.8max

Note: With grass green epoxy coating

Characteristice

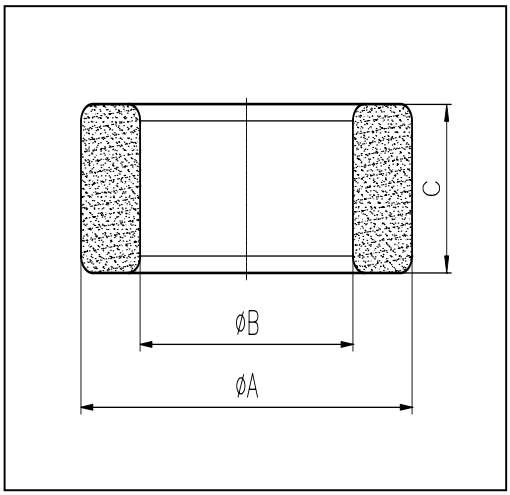
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	4100±25%	≥320	≤6.48

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	9000±25%	≈5000
R7K	12640±25%	≈7000
R10K	17000±30%	≈10000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.04	mm^{-1}
Ve	effective volume	5481.58	mm^3
le	effective length	75.40	mm
Ae	effective area	72.70	mm^2
Wt	mass of core	≈54	g



尺寸 / Coat	A	B	C
Uncoat	38.0±0.5	19±0.5	13.0±0.4
Coated	39.0max	18.1min	13.9max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3800±25%	≥320	≤3.6

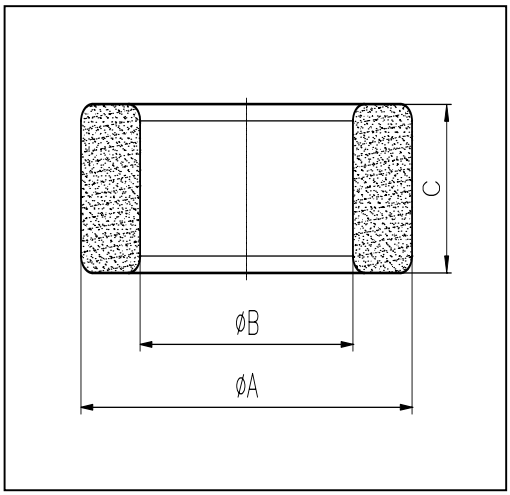
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	9000±25%	≈5000
R7K	12600±25%	≈7000
R10K	18000±30%	≈10000
R12K	≥14400	≈12000

H cores H38X19X13P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.04	mm^{-1}
Ve	effective volume	5481.58	mm^3
le	effective length	75.40	mm
Ae	effective area	72.70	mm^2
Wt	mass of core	≈30	g



尺寸 / Coat	A	B	C
Uncoat	38.0±0.5	19±0.5	13.0±0.4
Coated	39.0max	18.1min	13.9max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3800±25%	≥320	≤3.6

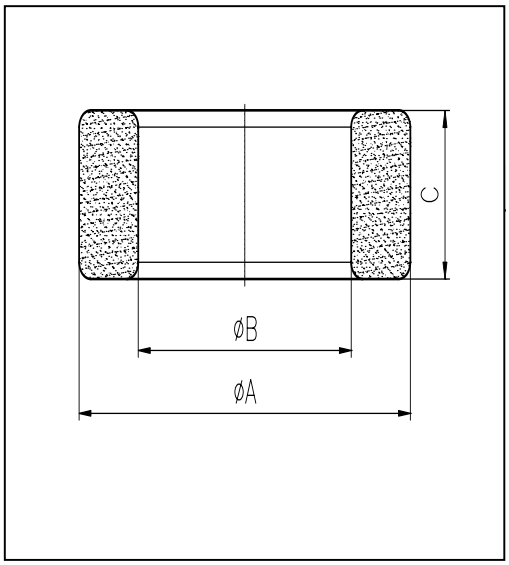
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	9000±25%	≈5000
R7K	12600±25%	≈7000
R10K	18000±30%	≈10000
R12K	≥14400	≈12000

H cores H38X22X14P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.82	mm^{-1}
Ve	effective volume	9777.30	mm^3
le	effective length	89.70	mm
Ae	effective area	109.00	mm^2
Wt	mass of core	≈52.0	g



尺寸 / Coat	A	B	C
Uncoat	38.0±0.5	22.0±0.5	14.0±0.4
Coated	38.9max	21.2min	14.8max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3200±25%	≥320	≤6.5

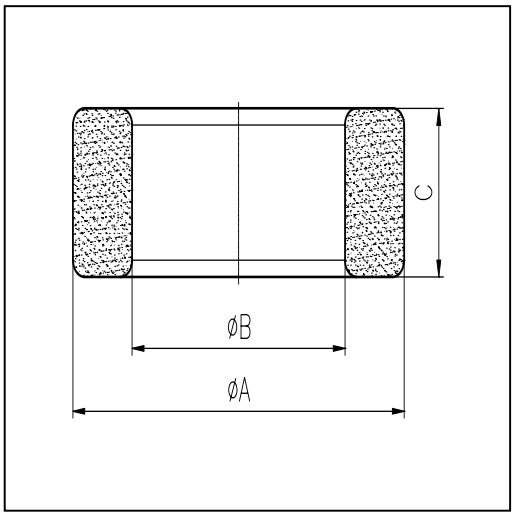
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	7643±25%	≈5000
R7K	10700±25%	≈7000
R10K	14000±30%	≈10000
R12K	≥11200	≈12000

H cores H40X24X16P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.77	mm^{-1}
Ve	effective volume	12025.00	mm^3
le	effective length	96.20	mm
Ae	effective area	125.00	mm^2
Wt	mass of core	≈61.8	g



尺寸 / Coat	A	B	C
Uncoat	40.0±0.6	24.0±0.5	16.0±0.4
Coated	41.0max	23.1min	16.9max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3500±25%	≥320	≤7.42
DMR44	3500±25%	≥320	≤6.80
DMR95	5200±25%	≥340	≤6.50

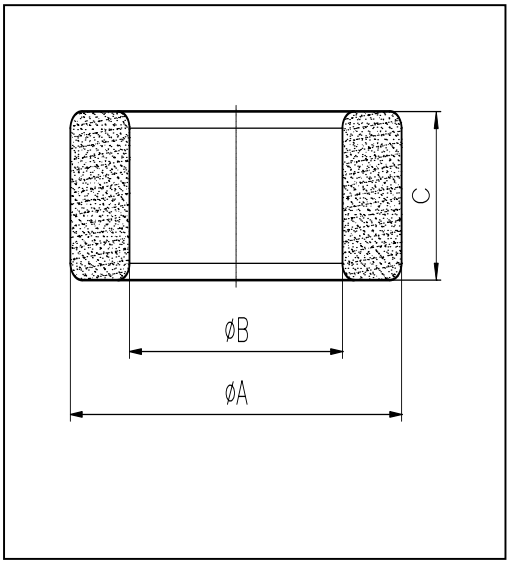
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	7000±25%	≈4300
R5K	8160±25%	≈5000
R7K	11430±25%	≈7000
R10K	16330±30%	≈10000
R12K	≥13060	≈12000

H cores H42X26X18P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.73	mm^{-1}
Ve	effective volume	14523.0	mm^3
le	effective length	103.0	mm
Ae	effective area	141.0	mm^2
Wt	mass of core	≈73.8	g



尺寸 / Coat	A	B	C
Uncoat	42.0±0.60	26.0±0.5	18.0±0.5
Coated	43.0max	25.1min	19.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3970±25%	≥320	≤8.86
DMR95	4400±25%	≥320	≤8.00

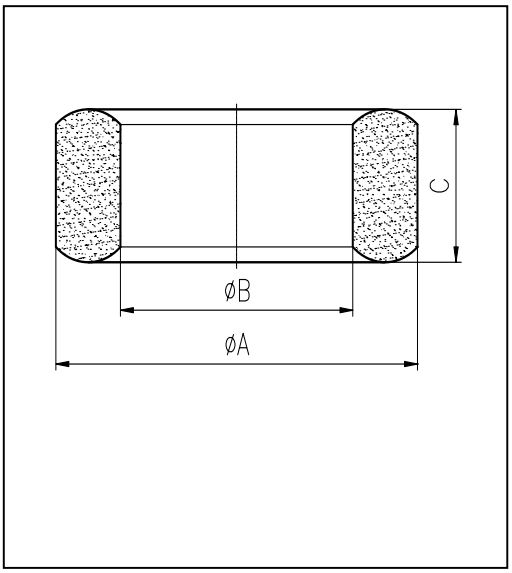
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	8620±25%	≈5000
R7K	12070±25%	≈7000
R10K	16000±30%	≈10000
R12K	18000±30%	≈12000

H cores H44.5X30X15

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.13	mm^{-1}
Ve	effective volume	11514.00	mm^3
le	effective length	114.00	mm
Ae	effective area	101.00	mm^2
Wt	mass of core	≈61.1	g



尺寸 / Coat	A	B	C
Uncoat	44.5±0.5	30.0±0.4	15.0±0.35
Coated	45.7max	29.0min	16.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2700±25%	≥315	≤7.33
DMR44	2700±25%	≥315	≤6.72
DMR95	3800±25%	≥315	≤6.42

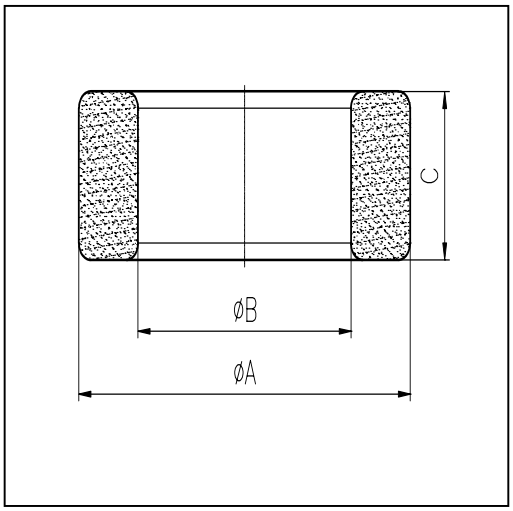
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	5120±25%	≈5000
R7K	8270±25%	≈7000
R12K	≥10000	≈12000

H cores H45X26X12P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.04	mm^{-1}
Ve	effective volume	11021.00	mm^3
le	effective length	107.00	mm
Ae	effective area	103.00	mm^2
Wt	mass of core	≈62.3	g



尺寸 / Coat	A	B	C
Uncoat	$45.0^{+0.2}_{-1.4}$	26.0^{+1}_{-0}	12.0±0.4
Coated	46.2max	25.3min	13.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3025±25%	≥315	≤7.50
DMR44	3025±25%	≥315	≤6.85
DMR95	4300±25%	≥315	≤6.54

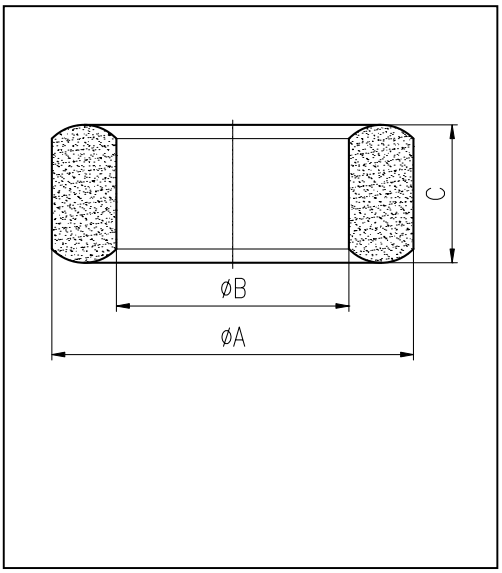
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	6580±25%	≈5000
R7K	9210±25%	≈7000
R12K	≥8000	≈12000

H cores H47X27X15

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.80	mm^{-1}
Ve	effective volume	15070.00	mm^3
le	effective length	110.00	mm
Ae	effective area	137.00	mm^2
Wt	mass of core	≈85.4	g



尺寸 / Coat	A	B	C
Uncoat	47.0±0.6	27.0±0.5	15.0±0.4
Coated	48.2max	25.8min	16.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3600±25%	≥315	≤10.25
DMR44	3600±25%	≥315	≤9.40
DMR95	5400±25%	≥315	≤9.00

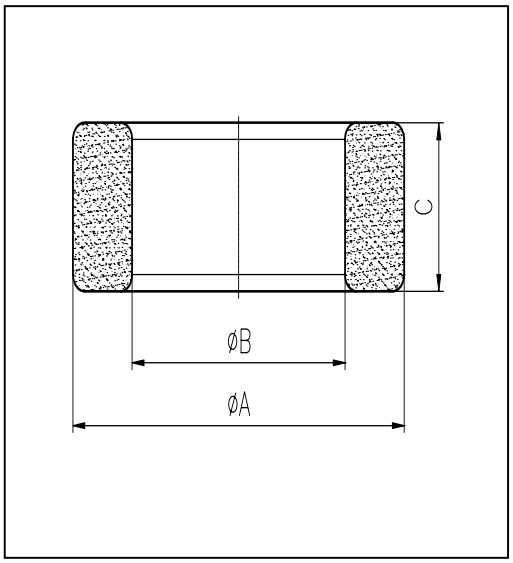
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	8300±25%	≈5000
R7K	11600±25%	≈7000
R10K	≥10000	≈1000
R12K	≥12800	≈12000

H cores H48X30X15P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.95	mm^{-1}
Ve	effective volume	14632.00	mm^3
le	effective length	118.00	mm
Ae	effective area	124.00	mm^2
Wt	mass of core	≈81	g



尺寸 / Coat	A	B	C
Uncoat	48.0±0.6	30.0±0.5	15.0±0.4
Coated	49.2max	29.0min	16max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3100±25%	≥315	≤9.75
DMR44	3100±25%	≥315	≤8.91
DMR95	4448±25%	≥315	≤8.50

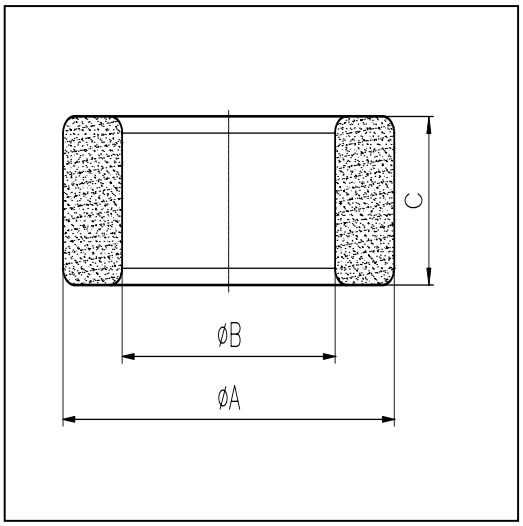
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	7040±25%	≈5000
R7K	9800±25%	≈7000
R10K	13000±30%	≈10000
R12K	≥10400	≈12000

H cores H49X31.8X19P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.76	mm^{-1}
Ve	effective volume	19803.00	mm^3
le	effective length	123.00	mm
Ae	effective area	161.00	mm^2
Wt	mass of core	≈99.5	g



尺寸 / Coat	A	B	C
Uncoat	49.0±0.8	31.8±0.6	19.0±0.5
Coated	50.2max	30.8min	20.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3780±25%	≥315	≤12.0
DMR44	3780±25%	≥315	≤11.0
DMR95	5400±25%	≥315	≤10.5

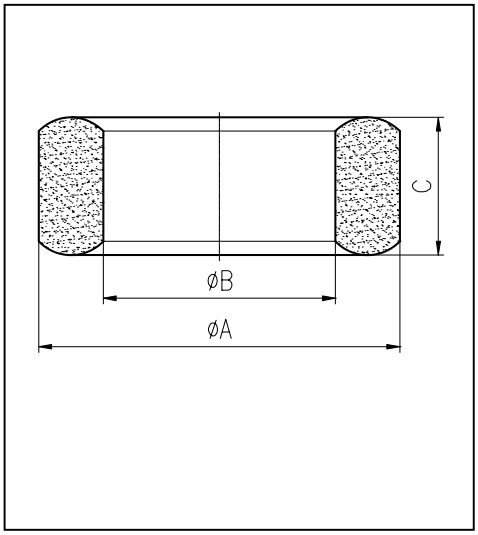
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	6833±25%	≈4300
R5K	8210±25%	≈5000
R7K	11000±25%	≈7000
R10K	15500±30%	≈10000
R12K	≥12400	≈12000

H cores H4X2.4X1.6

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	7.70	mm^{-1}
Ve	effective volume	12.03	mm^3
le	effective length	9.62	mm
Ae	effective area	1.25	mm^2
Wt	mass of core	≈0.06	g



尺寸 / Coat	A	B	C
Uncoat	4.0±0.12	2.4±0.12	1.6±0.12
Coated	4.0±0.12	2.4±0.12	1.6±0.12

Note: With parylene coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	375±25%	—	—

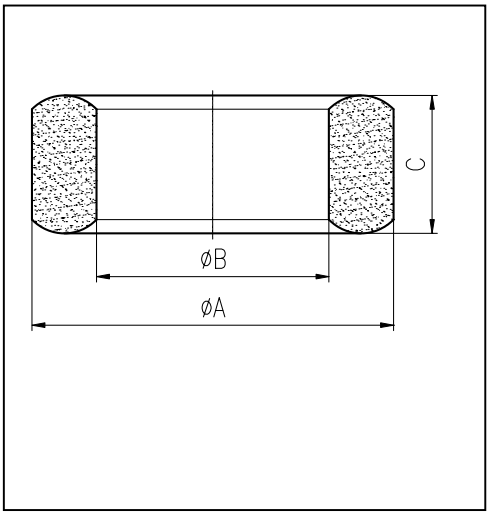
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R7K	1140±25%	≈7000
R10K	1630±25%	≈10000

H cores H4X2X2

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	4.54	mm^{-1}
Ve	effective volume	16.72	mm^3
le	effective length	8.71	mm
Ae	effective area	1.92	mm^2
Wt	mass of core half	≈0.1	g



尺寸 / Coat	A	B	C
Uncoat	4.0±0.2	2.0±0.2	2.0±0.2
Coated	4.0±0.2	2.0±0.2	2.0±0.2

Note: With parylene coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	640±25%	—	—
DMR95	900±25%	—	—

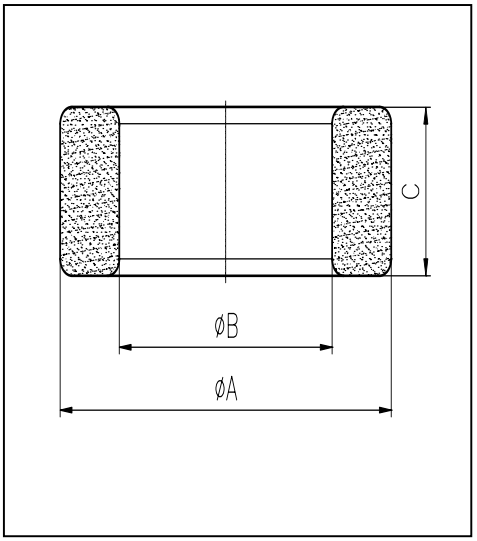
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	1380±25%	≈5000
R7K	1938±25%	≈7000
R10K	2770±30%	≈10000
R12K	≥2300	≈12000

H cores H5.84X3.05X1.52P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	6.36	mm^{-1}
Ve	effective volume	26.67	mm^3
le	effective length	13.02	mm
Ae	effective area	2.05	mm^2
Wt	mass of core half	≈0.142	g



尺寸 / Coat	A	B	C
Uncoat	5.8±0.18	3.05±0.18	1.52±0.18
Coated	5.8±0.18	3.05±0.18	1.52±0.18

Note: With parylene coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR24	340±25%	—	—
DMR50	380±25%	—	—

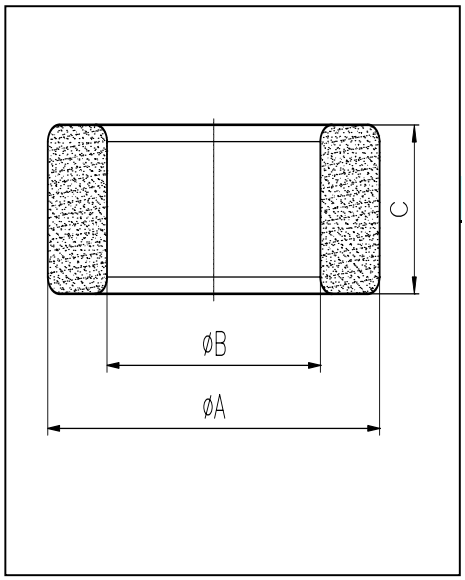
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	900±25%	≈4300
R5K	1250±25%	≈5000

H cores H50X25X20P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.45	mm^{-1}
Ve	effective volume	26160.00	mm^3
le	effective length	109.00	mm
Ae	effective area	240.00	mm^2
Wt	mass of core	≈144.0	g



尺寸 / Coat	A	B	C
Uncoat	50.0±0.8	25.0±0.6	20.0±0.5
Coated	51.2max	24.0min	21.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	6370±25%	≥315	≤18.0
DMR44	6370±25%	≥315	≤16.6
DMR95	9100±25%	≥315	≤15.9

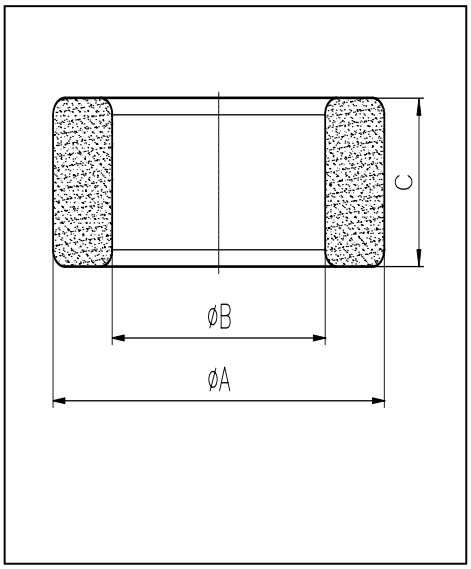
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	11906±25%	≈4300
R5K	13845±25%	≈5000
R7K	19300±25%	≈7000
R10K	25000±30%	≈10000
R12K	≥19000	≈12000

H cores H50X30X19P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.65	mm^{-1}
Ve	effective volume	22361.68	mm^3
le	effective length	120.36	mm
Ae	effective area	185.79	mm^2
Wt	mass of core	≈114.6	g



尺寸 / Coat	A	B	C
Uncoat	50.0±0.6	30.0±0.5	19.0±0.4
Coated	51.2max	29.0min	20.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	4460±25%	≥315	≤18.1
DMR44	4460±25%	≥315	≤16.6
DMR95	6400±25%	≥315	≤16.0

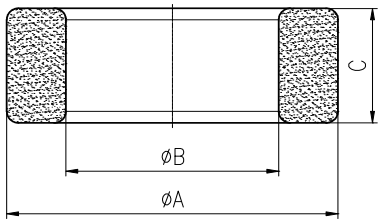
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R10K	18000±30%	≈10000
R12K	≥14530	≈12000

DMEGC

H cores

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0,68	mm^{-1}
Ve	effective volume	21190	mm^3
le	effective length	120,4	mm
Ae	effective area	176	mm^2
Wt	mass of core	114	g



Dimensions:

Uncoated			Coated	
A	B	C	A	B
50.0±0.8mm	30.0±0.6mm	18.0±0.5mm	51.2max	29.0min
			Green Epoxy, UL-V0, file No:	

Dielectrical strength:

VAC: 2000Vmin, 0.5mA, 10sec

Electrical Characteristics:

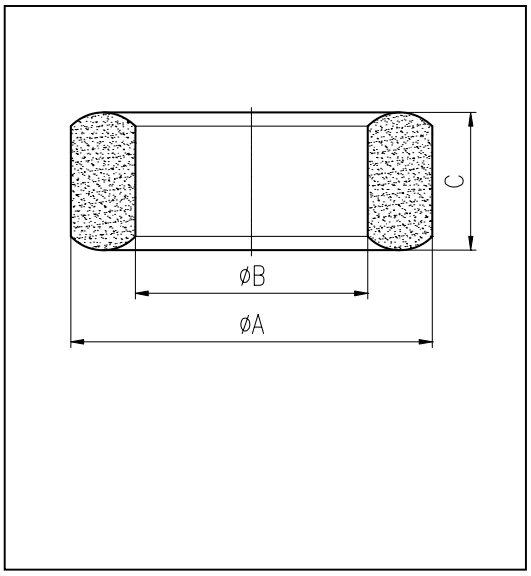
GRADE	AL(nH/N^2) f=10KHz U=0.25V	Z f=25MHz N=1Ts Ø1.0x100mm	
DN150H	2750±30%	60 min	
DN85H	1550±30%	66 min	

H cores H51X31X13

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.05	mm^{-1}
Ve	effective volume	14632.00	mm^3
le	effective length	124.00	mm
Ae	effective area	118.00	mm^2
Wt	mass of core	≈82.0	g



尺寸 / Coat	A	B	C
Uncoat	51.0±0.7	31.0±0.5	13.0±0.4
Coated	52.2max	30.0min	14.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2900±25%	≥315	≤10.25
DMR44	2900±25%	≥315	≤9.43
DMR95	4200±25%	≥315	≤8.61

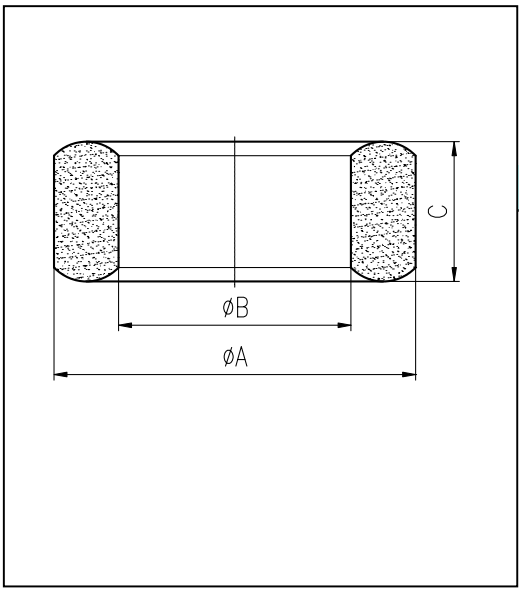
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	6464±25%	≈5000
R7K	9050±25%	≈7000
R10K	12000±30%	≈10000

H cores H56X26X20

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.43	mm^{-1}
Ve	effective volume	31590.00	mm^3
le	effective length	117.00	mm
Ae	effective area	270.00	mm^2
Wt	mass of core	≈189.3	g



尺寸 / Coat	A	B	C
Uncoat	56.0±1.0	26.0±0.6	20.0±0.5
Coated	57.3max	25.0min	21.0max

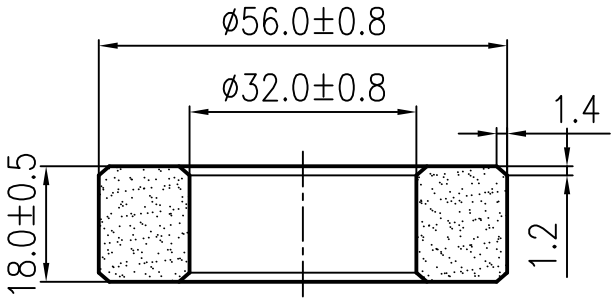
Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	7050±25%	≥315	≤23.7
DMR44	7050±25%	≥315	≤21.8
DMR95	10000±25%	≥315	≤20.8

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	15000±25%	≈5000
R7K	20000±25%	≈7000
R10K	28000±30%	≈10000

全部 ✓



标记	处数	分 区	更改文件号	签 名	年 月 日

设计		13.05.24	标准化			阶段标记	重量	比例
CAD								1:1
审核			批准			共 页	第 页	
工艺			REV					

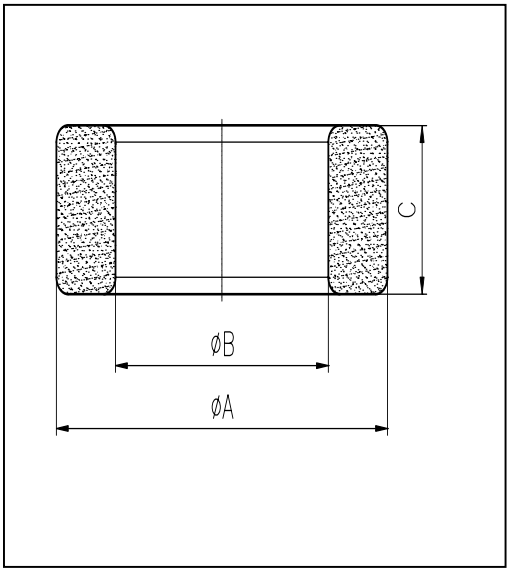
H56X32X18P
磁芯

H cores H5X3X2P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	6.12	mm^{-1}
Ve	effective volume	23.52	mm^3
le	effective length	12.00	mm
Ae	effective area	1.96	mm^2
Wt	mass of core	≈0.13	g



尺寸 / Coat	A	B	C
Uncoat	5.0±0.3	3.0±0.3	2.0±0.3
Coated	5.7max	2.3min	2.7max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	500±25%	—	—
DMR44	500±25%	—	—

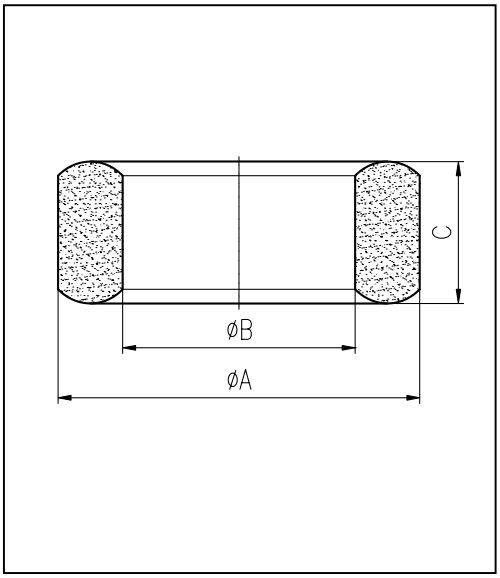
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	877±25%	≈4300
R5K	1020±25%	≈5000
R7K	1430±25%	≈7000
R10K	2040±30%	≈10000

H cores H60×36×20

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.65	mm^{-1}
Ve	effective volume	31680.00	mm^3
le	effective length	144.00	mm
Ae	effective area	220.00	mm^2
Wt	mass of core	≈165.5	g



尺寸 / Coat	A	B	C
Uncoat	60.0±1.5	36.0±1.2	20.0±0.5
Coated	61.5max	34.8min	21.3max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	4600±25%	≥315	≤21.5
DMR44	4600±25%	≥315	≤19.9
DMR95	6700±25%	≥315	≤19.0

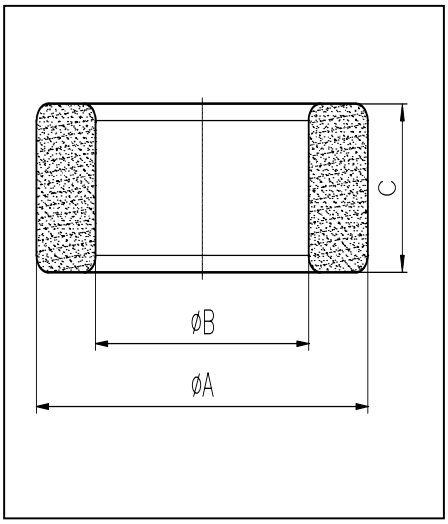
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	11200±25%	≈5000
R7K	14280±25%	≈7000
R10K	20000±30%	≈10000
R12K	≥15000	≈12000

H cores H63X38X25P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.50	mm^{-1}
Ve	effective volume	46512.00	mm^3
le	effective length	152.00	mm
Ae	effective area	306.00	mm^2
Wt	mass of core	≈242.0	g



尺寸 / Coat	A	B	C
Uncoat	63.0±1.0	38.0±0.8	25.0±0.6
Coated	64.5max	36.8min	26.2max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	5500±25%	≥315	≤31.5
DMR44	5500±25%	≥315	≤29.0
DMR95	8000±25%	≥315	≤27.83

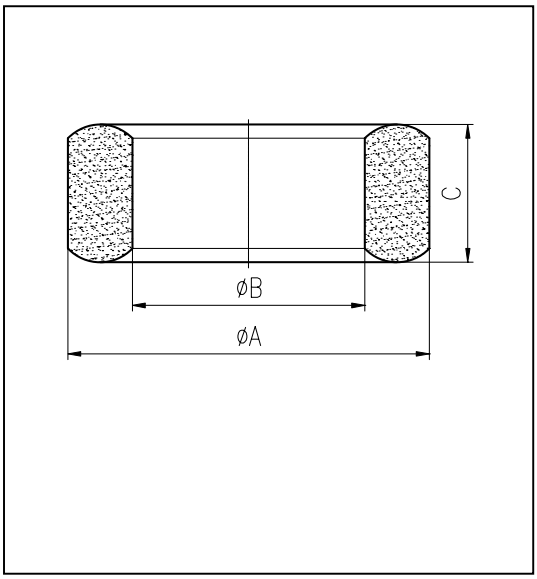
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	12600±25%	≈5000
R7K	17000±25%	≈7000
R10K	24000±30%	≈10000
R12K	≥19000	≈12000

H cores H65×38×25

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.49	mm^{-1}
Ve	effective volume	48510.00	mm^3
le	effective length	154.00	mm
Ae	effective area	315.00	mm^2
Wt	mass of core	≈268	g



尺寸 / Coat	A	B	C
Uncoat	65.0±1.5	38.0±0.8	25.0±0.5
Coated	67.5max	36.5min	26.5max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	6000±25%	≥315	≤34.84
DMR44	6000±25%	≥315	≤32.16

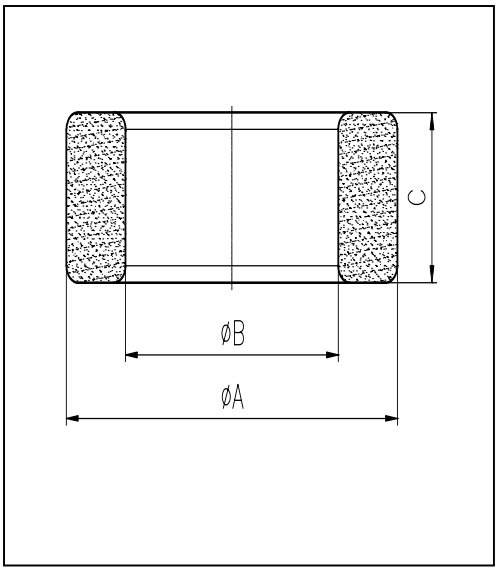
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	13400±25%	≈5000
R7K	18000±25%	≈7000
R10K	≥18770	≈10000

H cores H68X44.3X15P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.50	mm^{-1}
Ve	effective volume	46512.00	mm^3
le	effective length	152.00	mm
Ae	effective area	306.00	mm^2
Wt	mass of core	≈242.0	g



尺寸 / Coat	A	B	C
Uncoat	68.0±1.2	$44.3^{+0.8}_{-0.6}$	15.0±0.5
Coated	70.5max	42.8min	16.3max

Note: With grass green epoxy coating

Characteristice

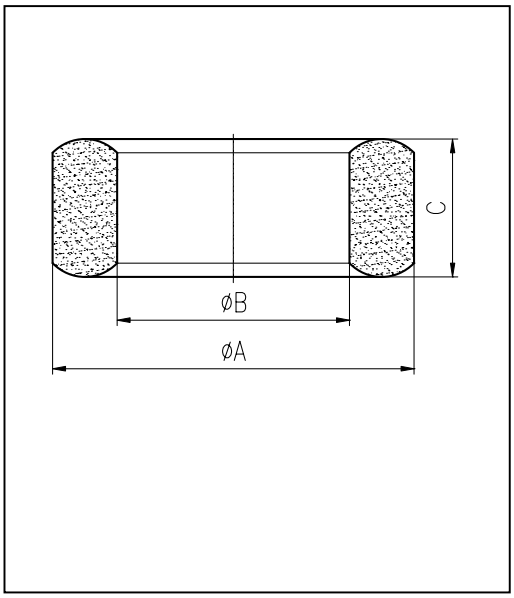
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2950±25%	≥315	≤31.5

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	6400±25%	≈5000
R7K	8980±25%	≈7000
R10K	11080±30%	≈10000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.23	mm^{-1}
Ve	effective volume	53.06	mm^3
le	effective length	13.10	mm
Ae	effective area	4.05	mm^2
Wt	mass of core	≈0.31	g



尺寸 / Coat	A	B	C
Uncoat	6.0±0.2	3.0±0.2	3.0±0.3
Coated	6.7max	2.4min	3.6max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	950±25%	—	—
DMR44	950±25%	—	—

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR50B	700±25%	—	—

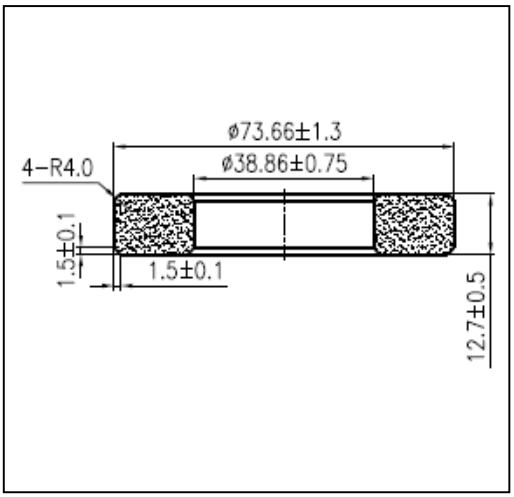
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	1200±25%	≈5000
R10K	4150±30%	≈10000

H cores H73.66X38.86X12.7P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.77	mm^{-1}
Ve	effective volume	35310.00	mm^3
le	effective length	165.00	mm
Ae	effective area	214.00	mm^2
Wt	mass of core half	≈191.3	g



Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	3500±25%	≥315	≤24.9

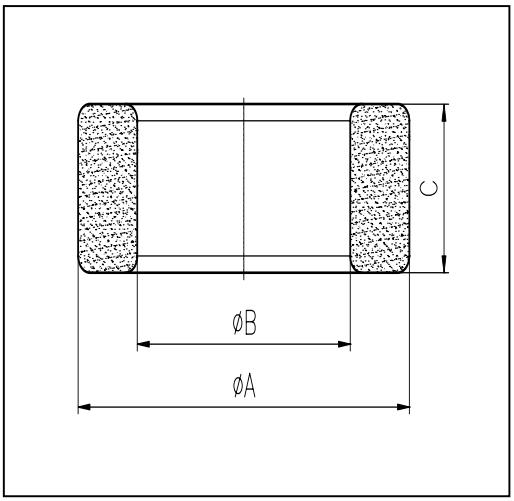
GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	8000±25%	≈5000
R7K	11350±25%	≈7000
R10K	15000±30%	≈10000

H cores H73.66X38.86X12.7P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.77	mm^{-1}
Ve	effective volume	35310.00	mm^3
le	effective length	165.00	mm
Ae	effective area	214.00	mm^2
Wt	mass of core	≈191.3	g



尺寸 / Coat	A	B	C
Uncoat	73.66±1.3	38.86±0.75	12.7±0.5
Coated	76.0max	37.5min	14.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	3500±25%	≥315	≤24.9

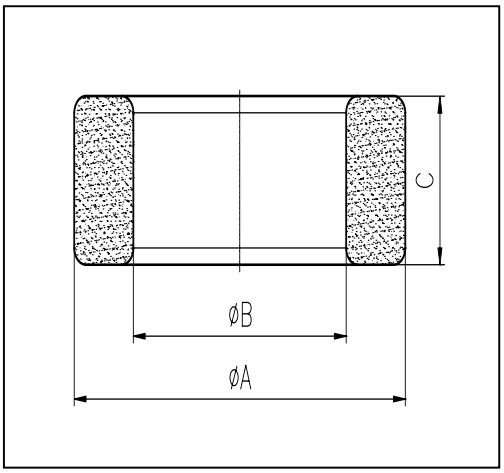
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	8000±25%	≈5000
R7K	11350±25%	≈7000
R10K	15000±30%	≈10000

H cores H73.66X45.72X12.7P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.04	mm^{-1}
Ve	effective volume	31494.00	mm^3
le	effective length	181.00	mm
Ae	effective area	174.00	mm^2
Wt	mass of core	≈159.7	g



尺寸 / Coat	A	B	C
Uncoat	73.66±0.76	45.72±0.76	12.7±0.7
Coated	76.0max	47.0min	14.5max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	2780±25%	≥315	≤20.8

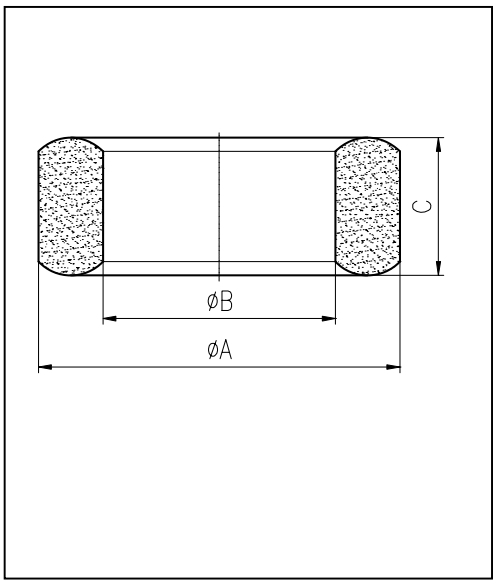
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	6000±25%	≈5000
R7K	8400±25%	≈7000
R10K	12040±30%	≈10000

H cores H7X4X3

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.99	mm^{-1}
Ve	effective volume	67.40	mm^3
le	effective length	16.40	mm
Ae	effective area	4.11	mm^2
Wt	mass of core	≈0.4	g



尺寸 / Coat	A	B	C
Uncoat	7±0.4	4±0.3	3±0.3
Coated	7.7max	3.4min	3.6max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	770±25%	—	—
DMR44	770±25%	—	—

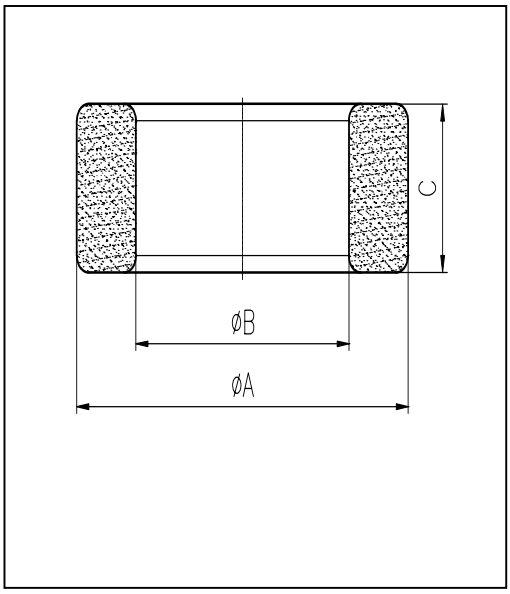
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	1670±25%	≈5000
R7K	2340±25%	≈7000
R10K	3300±30%	≈10000
R12K	4000±30%	≈12000

H cores H85.7X55.5X25.4P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.56	mm^{-1}
Ve	effective volume	82560.00	mm^3
le	effective length	215.00	mm
Ae	effective area	384.00	mm^2
Wt	mass of core	≈416.6	g



尺寸 / Coat	A	B	C
Uncoat	$85.7^{+2.0}_{-1.0}$	55.5±1.0	25.4±1.0
Coated	88.5max	53.9min	27.0max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	5100±25%	≥320	≤54.16

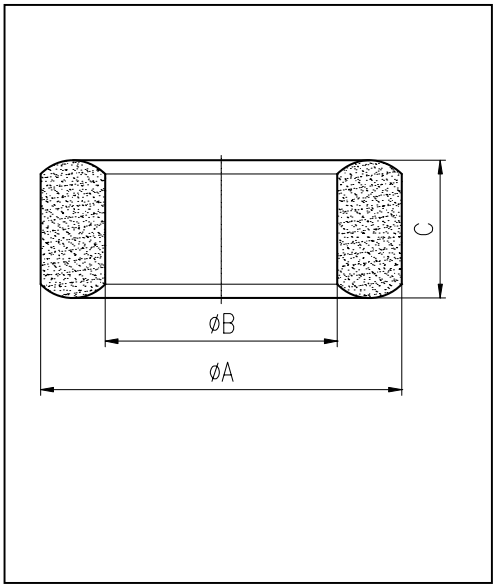
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	11023±25%	≈5000
R7K	14000±25%	≈7000

H cores H8X4X3

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.22	mm^{-1}
Ve	effective volume	93.96	mm^3
le	effective length	17.40	mm
Ae	effective area	5.40	mm^2
Wt	mass of core	≈0.55	g



尺寸 / Coat	A	B	C
Uncoat	8.0±0.2	4.0±0.2	3.0±0.2
Coated	8.7max	3.4min	3.6max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	950±25%	—	—

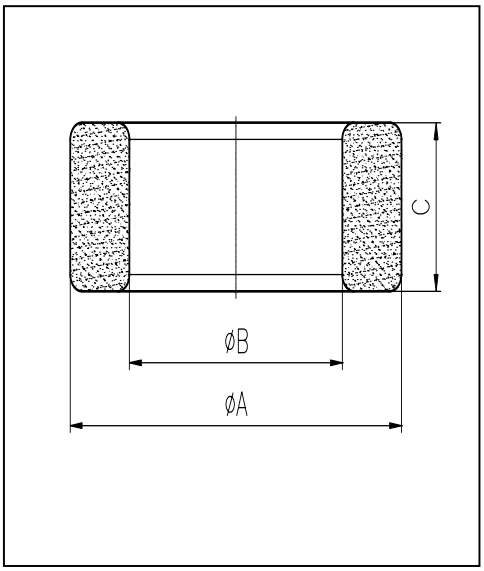
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R5K	1200±25%	≈5000
R7K	2900±25%	≈7000
R10K	4150±30%	≈10000
R12K	5000±30%	≈12000

H cores H9.53X4.75X4.78P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.88	mm^{-1}
Ve	effective volume	227.70	mm^3
le	effective length	20.70	mm
Ae	effective area	11.00	mm^2
Wt	mass of core	≈1.23	g



尺寸 / Coat	A	B	C
Uncoat	9.53±0.25	4.75±0.25	4.78±0.25
Coated	10.18max	4.10min	5.43max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=100kHz B=200mT T=100℃
DMR40	1400±25%	—	—

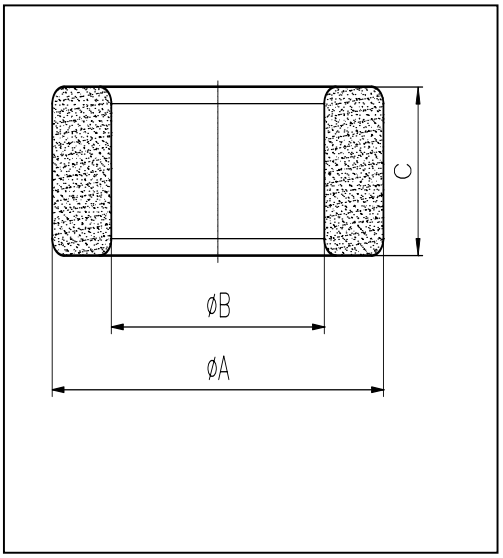
GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
DMR71	2530±25%	≈3800
R5K	3320±25%	≈5000
R10K	6160±30%	≈10000

H cores H9X5X3P

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	3.57	mm^{-1}
Ve	effective volume	121.26	mm^3
le	effective length	20.80	mm
Ae	effective area	5.83	mm^2
Wt	mass of core	≈0.7	g



尺寸 / Coat	A	B	C
Uncoat	9.0±0.2	5.0±0.3	3.0±0.3
Coated	9.7max	4.4min	3.6max

Note: With grass green epoxy coating

Characteristice

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	810±25%	—	—
DMR44	810±25%	—	—
DMR95	1250±25%	—	—

GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR50	450±25%	—	—

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	1400±25%	≈4300
R5K	1760±25%	≈5000
R7K	2470±25%	≈7000
R10K	3430±30%	≈10000
R12K	≥2950	≈12000