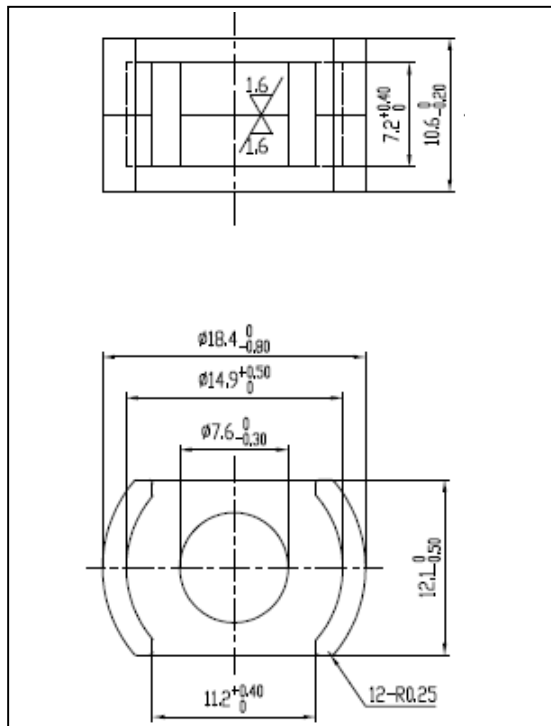


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.77	mm^{-1}
V_e	effective volume	1067.64	mm^3
l_e	effective length	28.70	mm
A_e	effective area	37.20	mm^2
A_{\min}	minimum area	35.90	mm^2
W_t	mass of core set	≈ 5.84	g



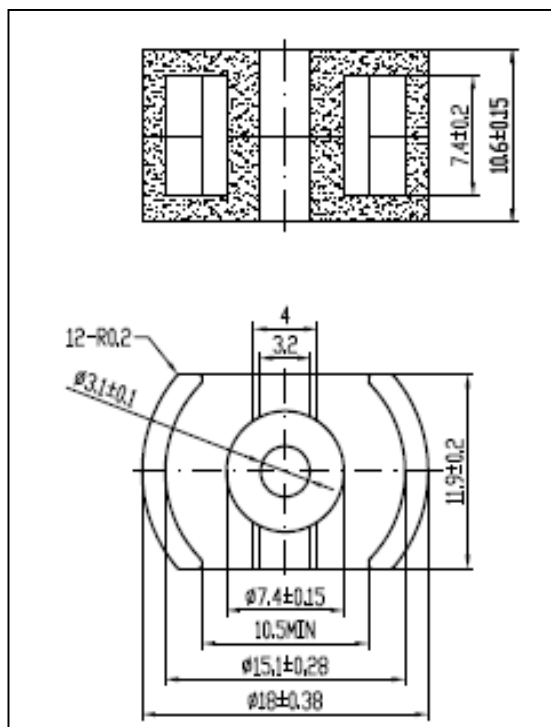
Characteristic

GRADE	AL (nH/N ²)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	2100 ± 25%	≥ 315	≤ 0.76
DMR44	2100 ± 25%	≥ 315	≤ 0.64
DMR47	2300 ± 25%	≥ 325	≤ 0.56
DMR95	2800 ± 25%	≥ 315	≤ 0.64

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.72	mm^{-1}
V_e	effective volume	1022.72	mm^3
l_e	effective length	27.20	mm
A_e	effective area	37.60	mm^2
A_{min}	minimum area	37.46	mm^2
W_t	mass of core set	≈ 5.2	g



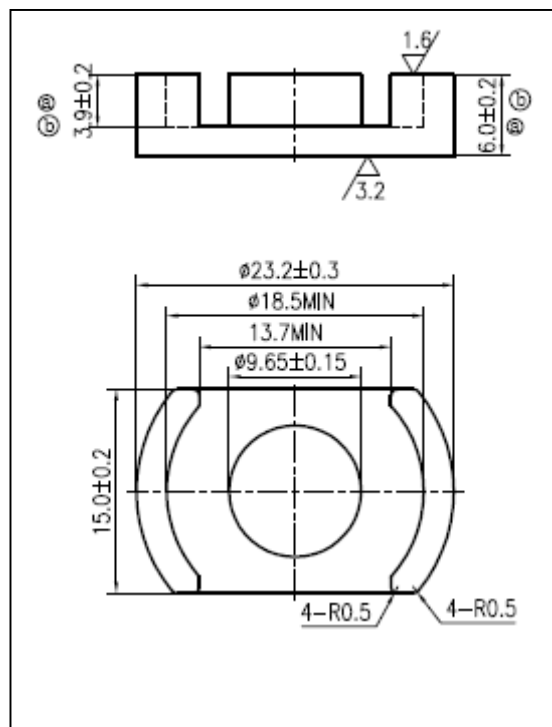
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$2100 \pm 25\%$	≥ 315	≤ 0.76
DMR44	$2100 \pm 25\%$	≥ 315	≤ 0.64
DMR95	$2800 \pm 25\%$	≥ 315	≤ 0.64

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.46	mm^{-1}
V_e	effective volume	2258.28	mm^3
l_e	effective length	32.40	mm
A_e	effective area	69.70	mm^2
A_{min}	minimum area	69.70	mm^2
W_t	mass of core set	≈ 12.2	g



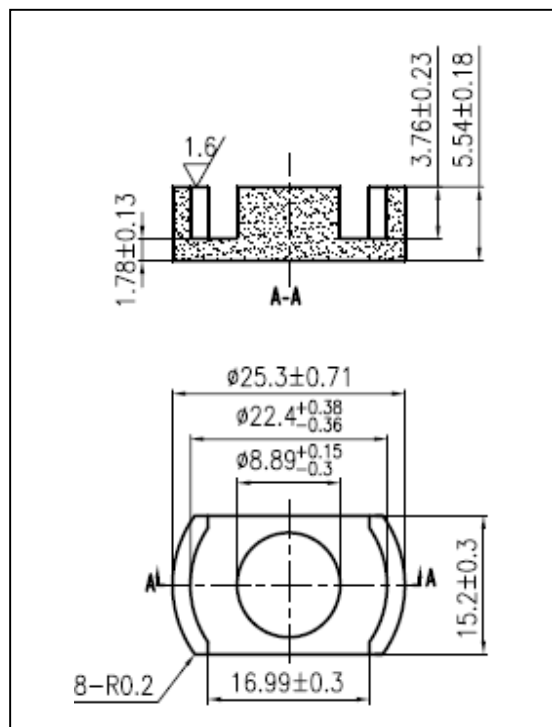
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$3800 \pm 25\%$	≥ 315	≤ 1.59
DMR44	$3800 \pm 25\%$	≥ 315	≤ 1.35
DMR95	$5000 \pm 25\%$	≥ 315	≤ 1.30

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.64	mm^{-1}
V_e	effective volume	1762.51	mm^3
l_e	effective length	33.70	mm
A_e	effective area	52.30	mm^2
A_{\min}	minimum area	47.61	mm^2
W_t	mass of core set	≈ 11.2	g



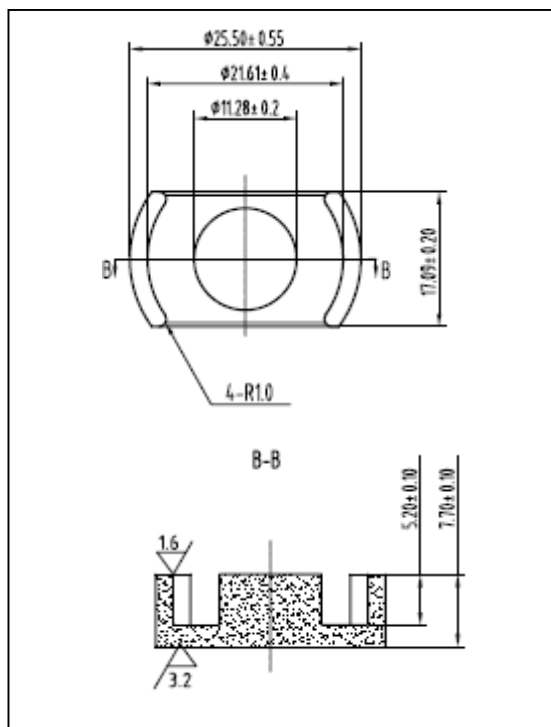
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$2800 \pm 25\%$	≥ 315	≤ 1.40
DMR44	$2800 \pm 25\%$	≥ 315	≤ 1.18

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.50	mm^{-1}
V_e	effective volume	2956.80	mm^3
l_e	effective length	38.40	mm
A_e	effective area	77.00	mm^2
A_{min}	minimum area	70.00	mm^2
W_t	mass of core set	≈ 18	g



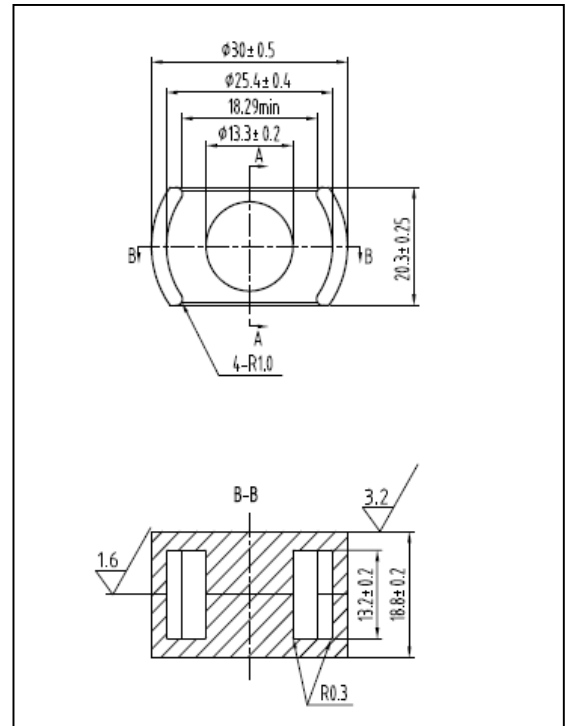
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$4400 \pm 25\%$	≥ 315	≤ 2.16
DMR44	$4400 \pm 25\%$	≥ 315	≤ 1.98
DMR95	$5000 \pm 25\%$	≥ 315	≤ 1.72

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.41	mm^{-1}
V_e	effective volume	5940.0	mm^3
l_e	effective length	49.5	mm
A_e	effective area	120.0	mm^2
A_{\min}	minimum area	111.0	mm^2
W_t	mass of core set	≈ 31.0	g



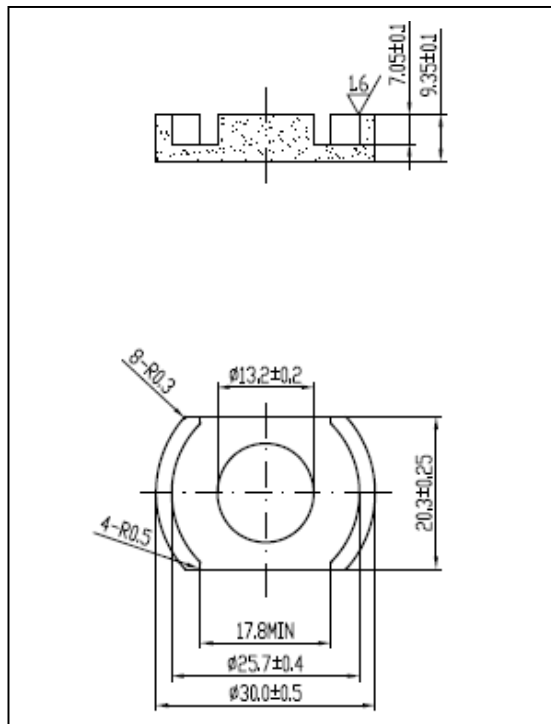
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$4600 \pm 25\%$	≥ 315	≤ 3.90
DMR44	$4600 \pm 25\%$	≥ 315	≤ 3.26
DMR47	$4700 \pm 25\%$	≥ 325	≤ 2.95
DMR90	$4200 \pm 25\%$	≥ 325	≤ 4.03
DMR95	$6500 \pm 25\%$	≥ 315	≤ 3.26

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.45	mm^{-1}
V_e	effective volume	5080.1	mm^3
l_e	effective length	47.7	mm
A_e	effective area	106.5	mm^2
A_{min}	minimum area	93.4	mm^2
W_t	mass of core set	≈ 28.0	g



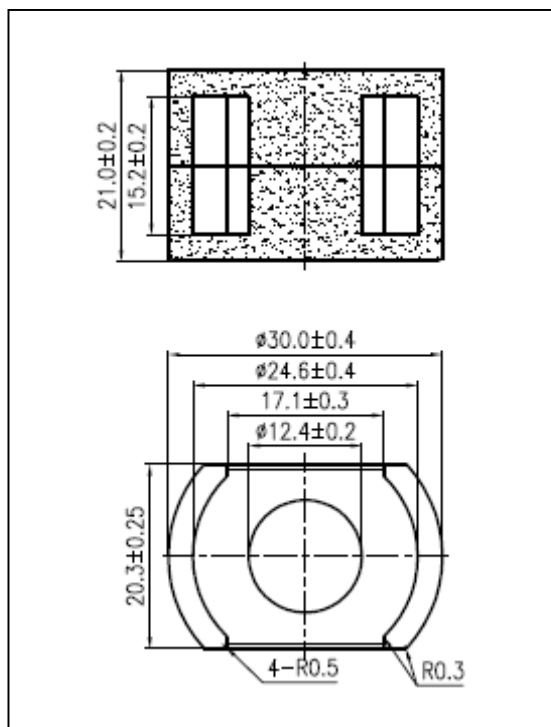
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$4600 \pm 25\%$	≥ 315	≤ 3.36
DMR44	$4600 \pm 25\%$	≥ 315	≤ 2.94
DMR95	$6000 \pm 25\%$	≥ 315	≤ 2.80

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.43	mm^{-1}
Ve	effective volume	6852.60	mm^3
le	effective length	54.00	mm
Ae	effective area	126.90	mm^2
Amin	minimum area	117.7	mm^2
Wt	mass of core set	≈ 33.1	g



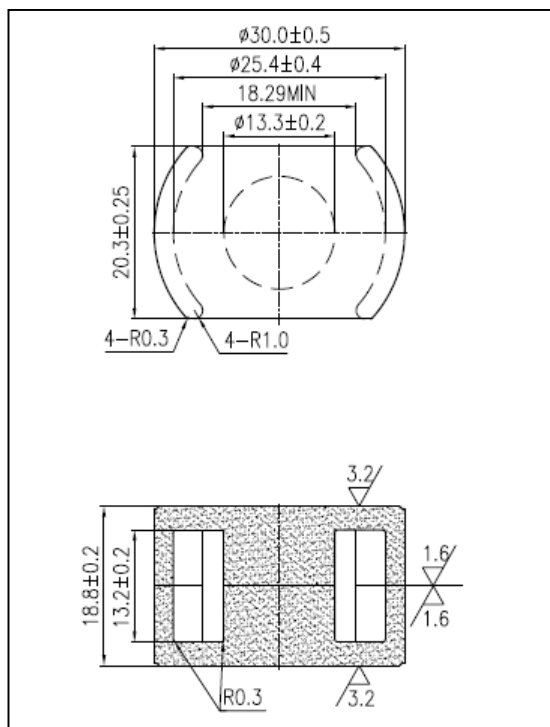
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5000 \pm 25\%$	≥ 315	≤ 3.97
DMR44	$5000 \pm 25\%$	≥ 315	≤ 3.64

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.41	mm^{-1}
V_e	effective volume	5940.0	mm^3
l_e	effective length	49.5	mm
A_e	effective area	120.0	mm^2
A_{min}	minimum area	106.2	mm^2
W_t	mass of core set	≈ 27.50	g



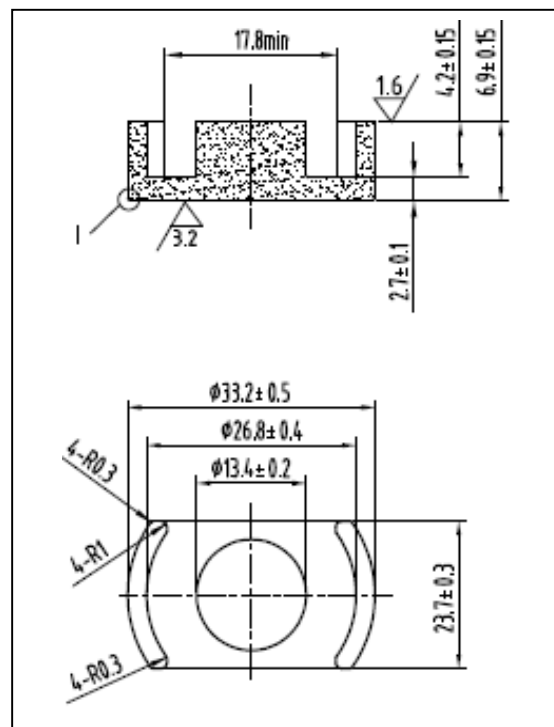
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5000 \pm 25\%$	≥ 315	≤ 3.30
DMR44	$5000 \pm 25\%$	≥ 315	≤ 3.05
DMR47	$5200 \pm 25\%$	≥ 325	≤ 2.61
DMR95	$7000 \pm 25\%$	≥ 315	≤ 3.05

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.29	mm^{-1}
V_e	effective volume	6177.00	mm^3
l_e	effective length	42.60	mm
A_e	effective area	145.00	mm^2
A_{min}	minimum area	141.03	mm^2
W_t	mass of core set	≈ 29.6	g



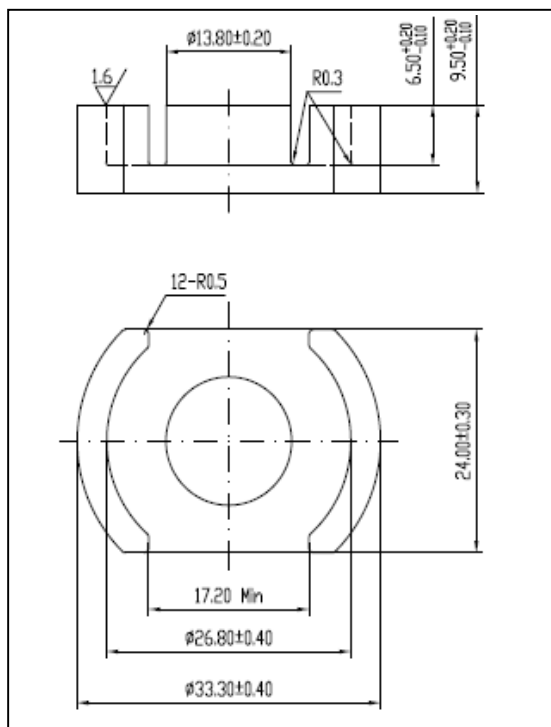
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$6800 \pm 25\%$	≥ 315	≤ 3.55
DMR44	$6800 \pm 25\%$	≥ 315	≤ 3.26
DMR47	$7000 \pm 25\%$	≥ 325	≤ 2.81
DMR95	$8800 \pm 25\%$	≥ 315	≤ 3.40

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.37	mm^{-1}
V_e	effective volume	7891.96	mm^3
l_e	effective length	53.87	mm
A_e	effective area	146.50	mm^2
A_{min}	minimum area	146.50	mm^2
W_t	mass of core set	≈ 40.33	g



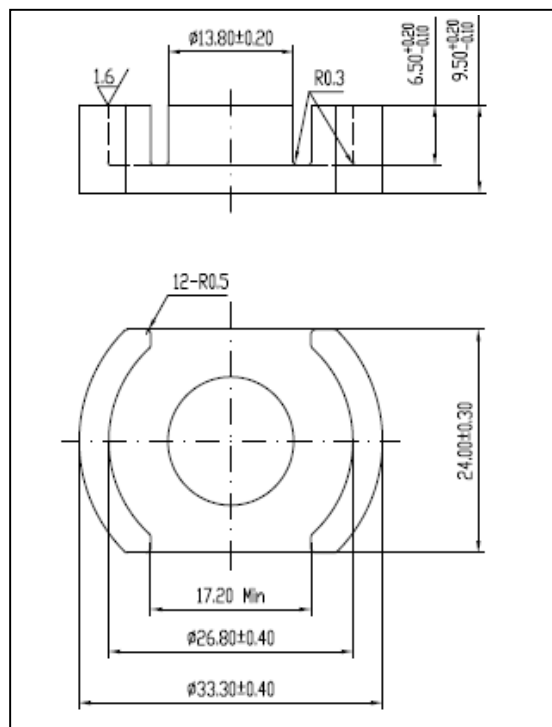
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$6840 \pm 25\%$	≥ 315	≤ 4.84
DMR44	$6840 \pm 25\%$	≥ 315	≤ 4.44
DMR95	$8000 \pm 25\%$	≥ 315	≤ 4.34

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.36	mm^{-1}
V_e	effective volume	8201.97	mm^3
l_e	effective length	54.21	mm
A_e	effective area	151.30	mm^2
A_{min}	minimum area	143.13	mm^2
W_t	mass of core set	≈ 36.6	g



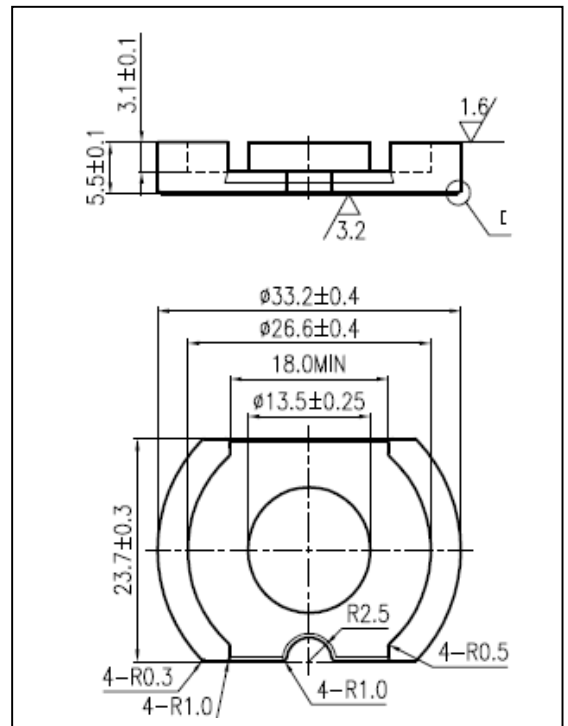
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5800 \pm 25\%$	≥ 315	≤ 4.76
DMR44	$5800 \pm 25\%$	≥ 315	≤ 4.03
DMR47	$6000 \pm 25\%$	≥ 325	≤ 3.48
DMR95	$7200 \pm 25\%$	≥ 315	≤ 4.10

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.25	mm^{-1}
V_e	effective volume	4671.72	mm^3
l_e	effective length	34.20	mm
A_e	effective area	136.60	mm^2
A_{min}	minimum area	113.76	mm^2
W_t	mass of core set	≈ 25.8	g



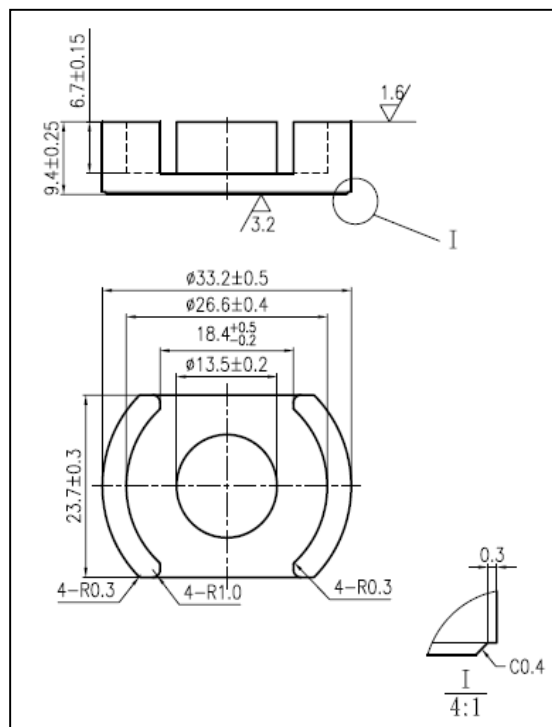
Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$6800 \pm 25\%$	≥ 315	≤ 3.23
DMR44	$6800 \pm 25\%$	≥ 315	≤ 2.84
DMR47	$7000 \pm 25\%$	≥ 325	≤ 2.45
DMR95	$8400 \pm 25\%$	≥ 315	≤ 2.84

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.33	mm^{-1}
V_e	effective volume	7296.10	mm^3
l_e	effective length	49.00	mm
A_e	effective area	148.90	mm^2
A_{min}	minimum area	127.98	mm^2
W_t	mass of core set	≈ 39.5	g



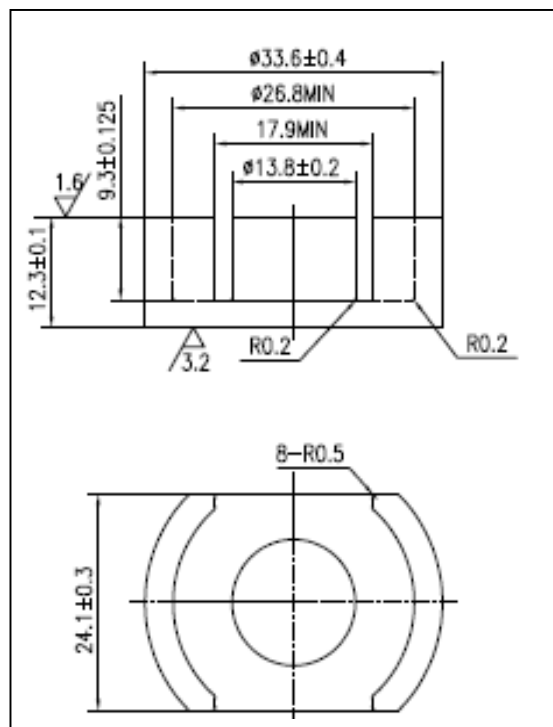
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5500 \pm 25\%$	≥ 315	≤ 4.74
DMR44	$5500 \pm 25\%$	≥ 315	≤ 4.15
DMR47	$5600 \pm 25\%$	≥ 325	≤ 3.75

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.37	mm^{-1}
V_e	effective volume	9673.9	mm^3
l_e	effective length	59.9	mm
A_e	effective area	161.5	mm^2
A_{\min}	minimum area	144.6	mm^2
W_t	mass of core set	≈ 50.0	g



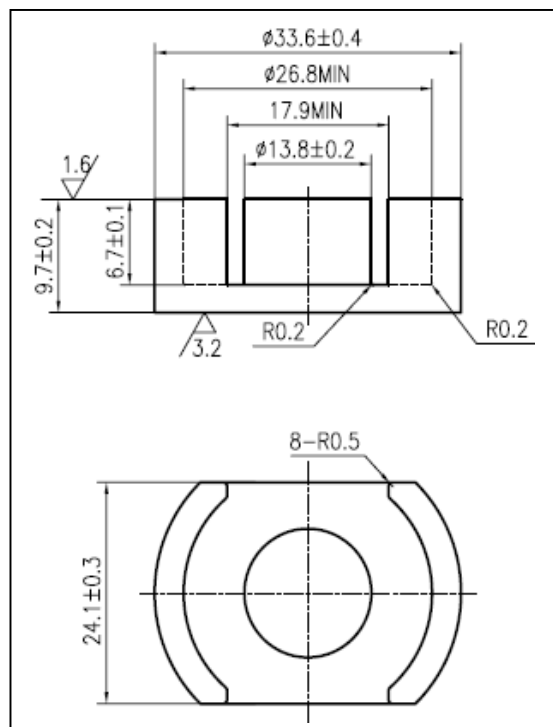
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5600 \pm 25\%$	≥ 315	≤ 6.50
DMR44	$5600 \pm 25\%$	≥ 315	≤ 5.50
DMR47	$5600 \pm 25\%$	≥ 325	≤ 4.75
DMR95	$6300 \pm 25\%$	≥ 315	≤ 5.32

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.33	mm^{-1}
V_e	effective volume	8346.78	mm^3
l_e	effective length	52.20	mm
A_e	effective area	159.90	mm^2
A_{min}	minimum area	145.00	mm^2
W_t	mass of core set	≈ 41.2	g



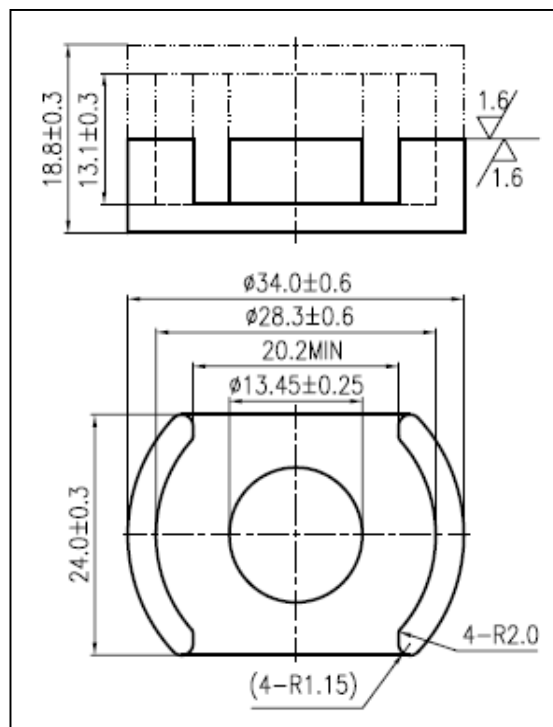
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$6500 \pm 25\%$	≥ 315	≤ 4.95
DMR44	$6500 \pm 25\%$	≥ 315	≤ 4.54

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.37	mm^{-1}
Ve	effective volume	7363.4	mm^3
le	effective length	50.4	mm
Ae	effective area	146.1	mm^2
Amin	minimum area	136.8	mm^2
Wt	mass of core set	≈ 39.5	g



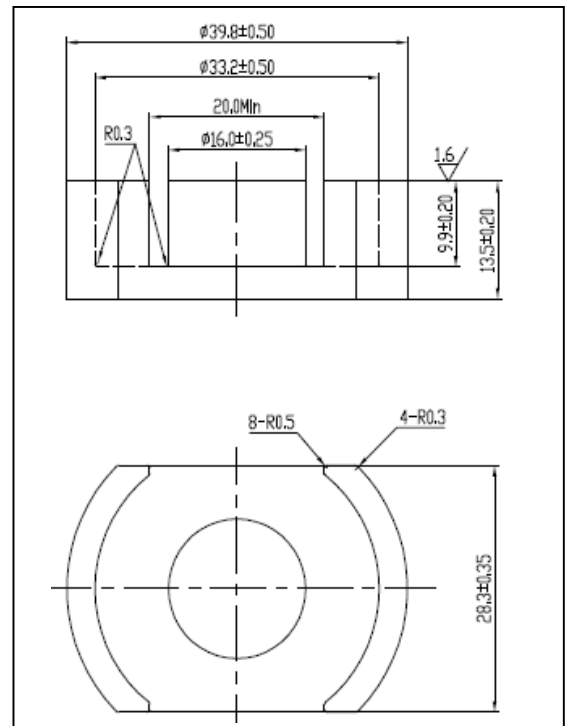
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	$5200 \pm 25\%$	≥ 315	≤ 4.74
DMR44	$5200 \pm 25\%$	≥ 315	≤ 4.35

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.35	mm^{-1}
V_e	effective volume	14616.5	mm^3
l_e	effective length	71.3	mm
A_e	effective area	205.0	mm^2
A_{\min}	minimum area	192.1	mm^2
W_t	mass of core set	≈ 74.0	g



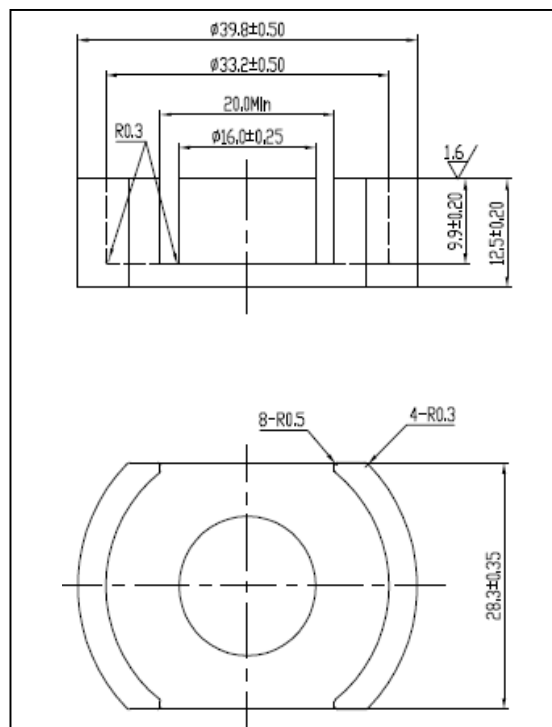
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR24	$5000 \pm 25\%$	≥ 325	≤ 9.62
DMR40	$5800 \pm 25\%$	≥ 315	≤ 8.88
DMR44	$5800 \pm 25\%$	≥ 315	≤ 8.14
DMR47	$6000 \pm 25\%$	≥ 325	≤ 7.03
DMR95	$7600 \pm 25\%$	≥ 315	≤ 8.04

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.36	mm^{-1}
V_e	effective volume	12321.0	mm^3
l_e	effective length	66.6	mm
A_e	effective area	185.0	mm^2
A_{\min}	minimum area	185.0	mm^2
W_t	mass of core set	≈ 72.0	g



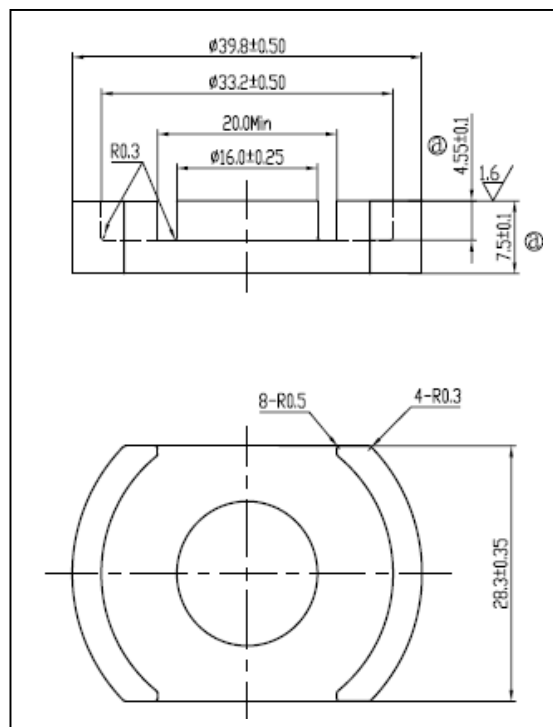
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5600 \pm 25\%$	≥ 315	≤ 9.36
DMR44	$5600 \pm 25\%$	≥ 315	≤ 7.92
DMR95	$7800 \pm 25\%$	≥ 315	≤ 7.50

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.24	mm^{-1}
V_e	effective volume	8701.3	mm^3
l_e	effective length	45.7	mm
A_e	effective area	190.4	mm^2
A_{min}	minimum area	167.0	mm^2
W_t	mass of core set	≈ 46.0	g



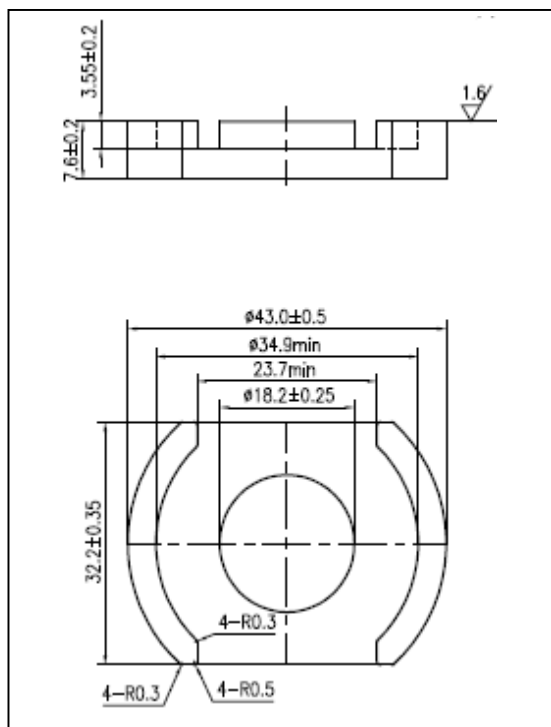
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$7500 \pm 25\%$	≥ 315	≤ 6.00
DMR44	$7500 \pm 25\%$	≥ 315	≤ 5.06

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.16	mm^{-1}
V_e	effective volume	12227.76	mm^3
l_e	effective length	44.40	mm
A_e	effective area	275.40	mm^2
A_{\min}	minimum area	260.16	mm^2
W_t	mass of core set	≈ 68.4	g



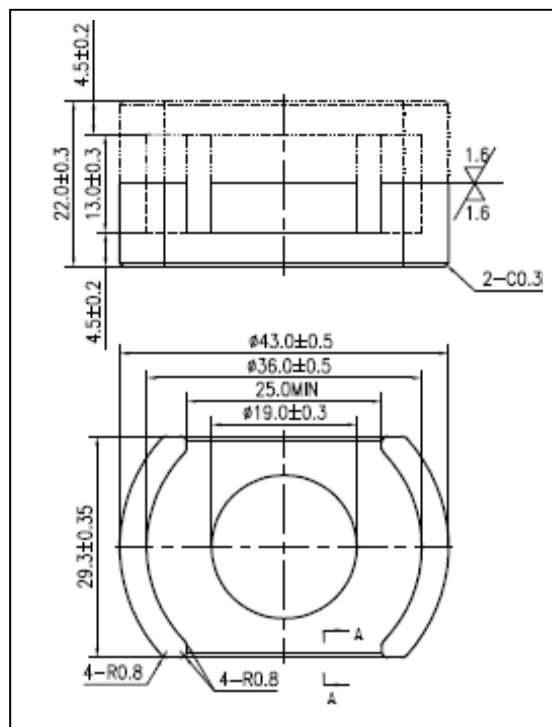
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$11000 \pm 25\%$	≥ 315	≤ 8.90
DMR44	$11000 \pm 25\%$	≥ 315	≤ 7.52

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.21	mm^{-1}
V_e	effective volume	14795.64	mm^3
l_e	effective length	56.30	mm
A_e	effective area	262.80	mm^2
A_{\min}	minimum area	222.56	mm^2
W_t	mass of core set	≈ 90.0	g



Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$9700 \pm 25\%$	≥ 315	≤ 11.7
DMR44	$9700 \pm 25\%$	≥ 315	≤ 9.90
DMR95	$13000 \pm 25\%$	≥ 315	≤ 9.00