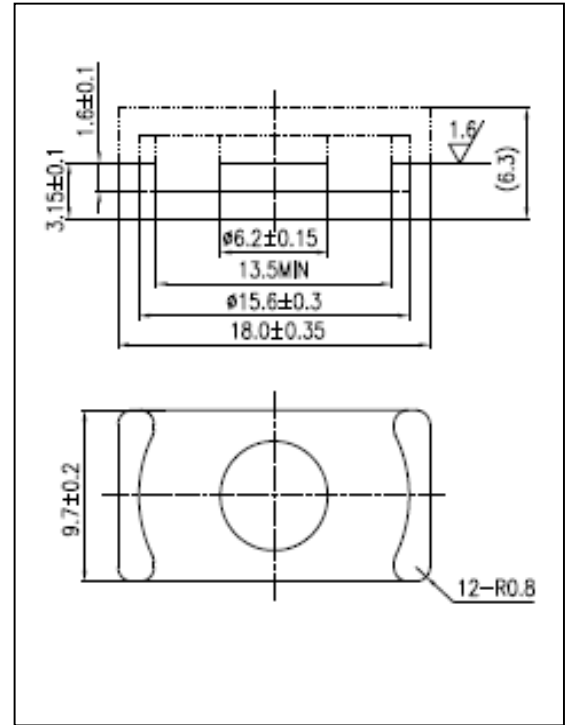


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CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.70	mm^{-1}
V_e	effective volume	668.36	mm^3
l_e	effective length	21.70	mm
A_e	effective area	30.80	mm^2
A_{\min}	minimum area	30.19	mm^2
W_t	mass of core set	≈ 3.4	g



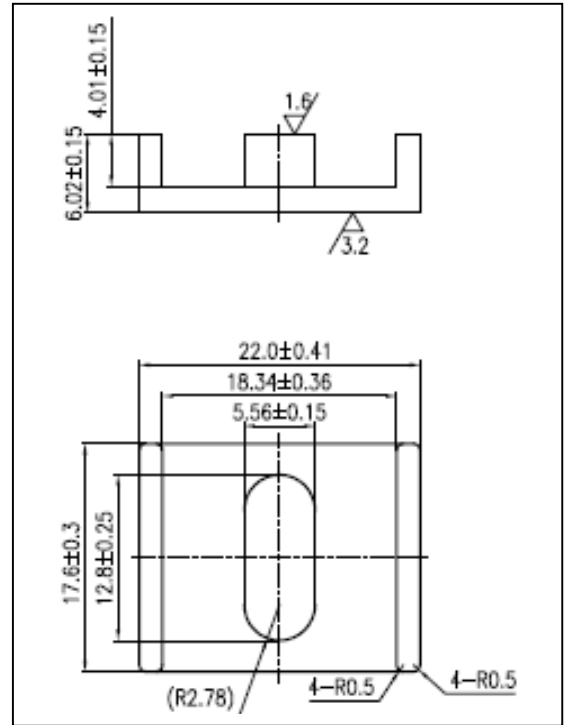
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR24	$2000 \pm 25\%$	≥ 300	≤ 0.49
DMR40	$2300 \pm 25\%$	≥ 250	≤ 0.46
DMR44	$2300 \pm 25\%$	≥ 250	≤ 0.38
DMR90	$2300 \pm 25\%$	≥ 300	≤ 0.40
DMR95	$3000 \pm 25\%$	≥ 270	≤ 0.37

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.54	mm^{-1}
V_e	effective volume	2320.98	mm^3
l_e	effective length	35.37	mm
A_e	effective area	65.62	mm^2
A_{\min}	minimum area	63.98	mm^2
W_t	mass of core set	≈ 11.6	g



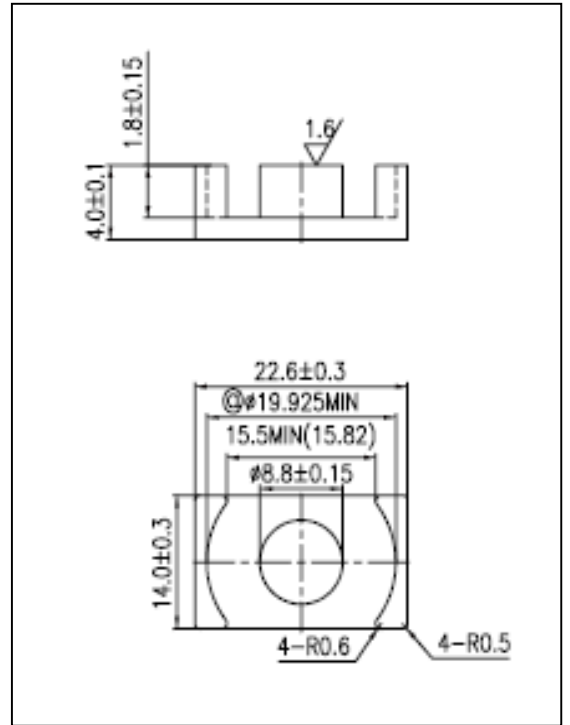
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR95	$3550 \pm 25\%$	≥ 315	≤ 12.77

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.41	mm^{-1}
V_e	effective volume	1543.3	mm^3
l_e	effective length	25.3	mm
A_e	effective area	61.0	mm^2
A_{min}	minimum area	58.2	mm^2
W_t	mass of core set	≈ 8.5	g



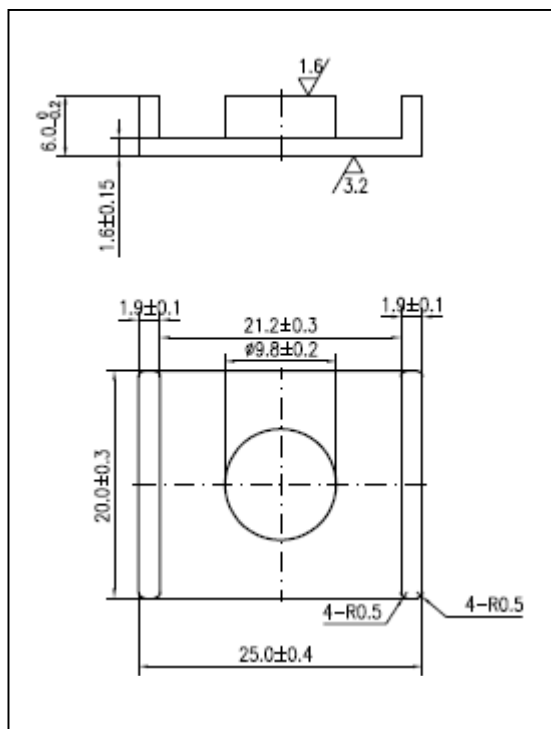
Characteristic

GRADE	$AL (\text{nH/N}^2)$	$B (\text{mT})$	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR95	$5400 \pm 25\%$	≥ 315	≤ 0.90

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.53	mm^{-1}
V_e	effective volume	2529.5	mm^3
l_e	effective length	36.5	mm
A_e	effective area	69.3	mm^2
A_{\min}	minimum area	64.0	mm^2
W_t	mass of core set	≈ 13.8	g



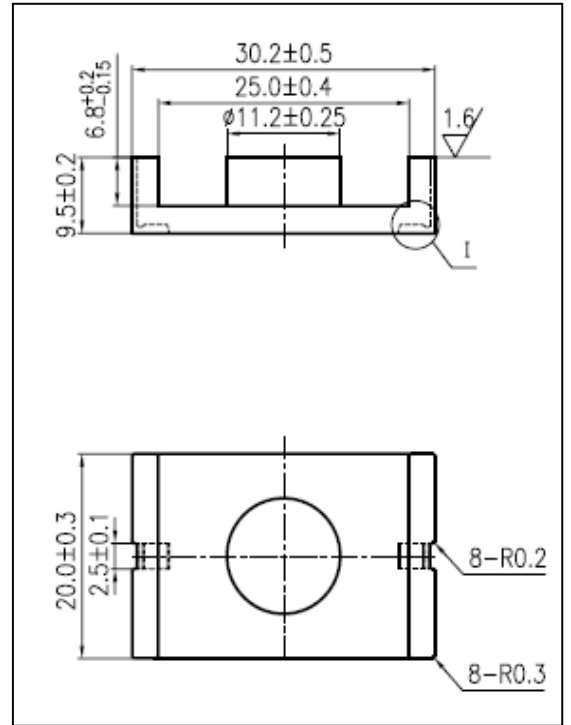
Characteristic

GRADE	AL (nH/N ²)	B (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=500\text{kHz}$ $B=50\text{mT}$ $T=100^\circ\text{C}$	$f=3\text{MHz}$ $B=10\text{mT}$ $T=100^\circ\text{C}$
DMR55	$3400 \pm 25\%$	≥ 300	≤ 0.85	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.49	mm^{-1}
V_e	effective volume	5252.7	mm^3
l_e	effective length	50.8	mm
A_e	effective area	103.4	mm^2
A_{\min}	minimum area	98.5	mm^2
W_t	mass of core set	≈ 33.0	g



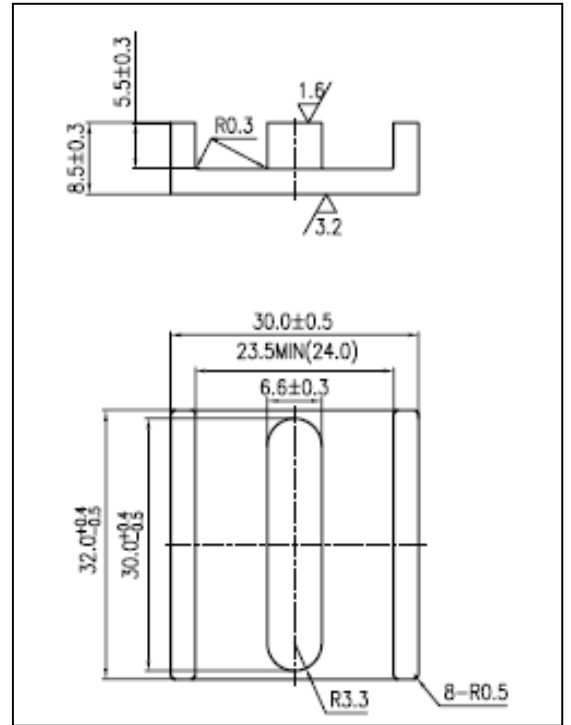
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR95	$4500 \pm 25\%$	≥ 315	≤ 2.90

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.25	mm^{-1}
V_e	effective volume	9438.62	mm^3
l_e	effective length	48.92	mm
A_e	effective area	192.94	mm^2
A_{\min}	minimum area	192.00	mm^2
W_t	mass of core set	≈ 46.4	g



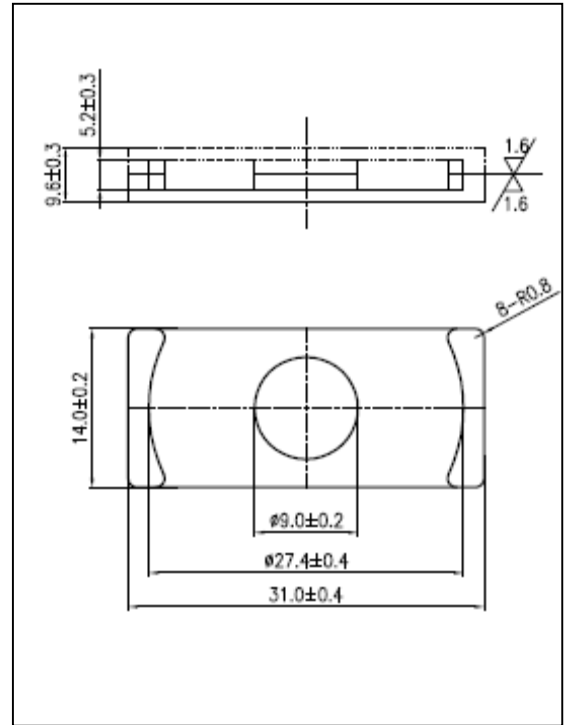
Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR95	$9000 \pm 25\%$	≥ 315	≤ 5.20

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.59	mm^{-1}
V_e	effective volume	2359.94	mm^3
l_e	effective length	37.40	mm
A_e	effective area	63.10	mm^2
A_{min}	minimum area	63.10	mm^2
W_t	mass of core set	≈ 12.6	g



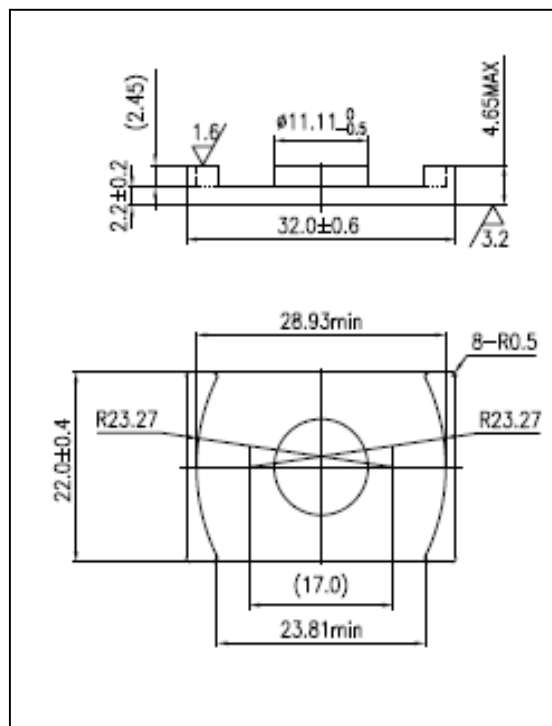
Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR95	$4200 \pm 25\%$	≥ 315	≤ 1.30

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.39	mm^{-1}
V_e	effective volume	4654.3	mm^3
l_e	effective length	42.7	mm
A_e	effective area	109.0	mm^2
A_{min}	minimum area	92.6	mm^2
W_t	mass of core set	≈ 23.5	g



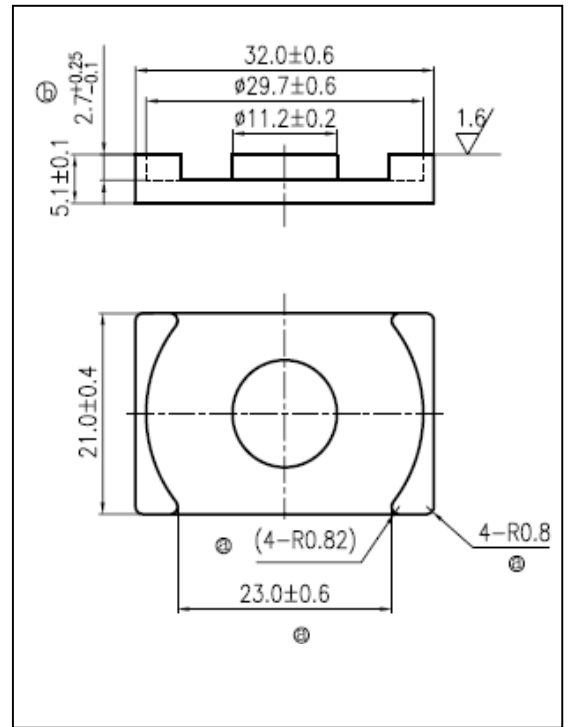
Characteristic

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	$4800 \pm 25\%$	≥ 315	≤ 3.18
DMR44	$4800 \pm 25\%$	≥ 315	≤ 2.59
DMR95	$6000 \pm 25\%$	≥ 315	≤ 2.56

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.35	mm^{-1}
V_e	effective volume	4172.4	mm^3
l_e	effective length	38.0	mm
A_e	effective area	109.8	mm^2
A_{min}	minimum area	98.5	mm^2
W_t	mass of core set	≈ 23.5	g



Characteristic

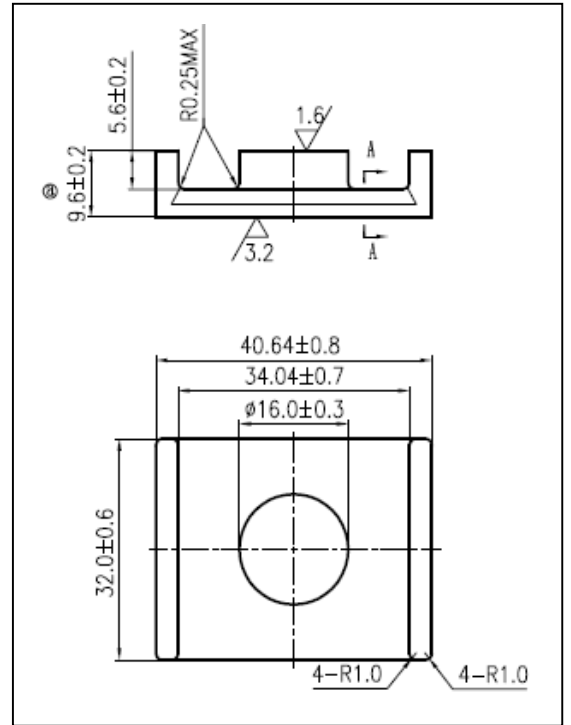
GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
		f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C
DMR95	$6000 \pm 25\%$	≥ 315	≤ 2.41

GRADE	AL (nH/N^2)	μ_i
		f=10kHz U=0.25V
R10K	$1000 \pm 30\%$	≈ 10000
R12K	≥ 15000 mirror	≈ 12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.28	mm^{-1}
V_e	effective volume	14237.0	mm^3
l_e	effective length	62.6	mm
A_e	effective area	227.5	mm^2
A_{min}	minimum area	201.1	mm^2
W_t	mass of core set	≈ 23.5	g



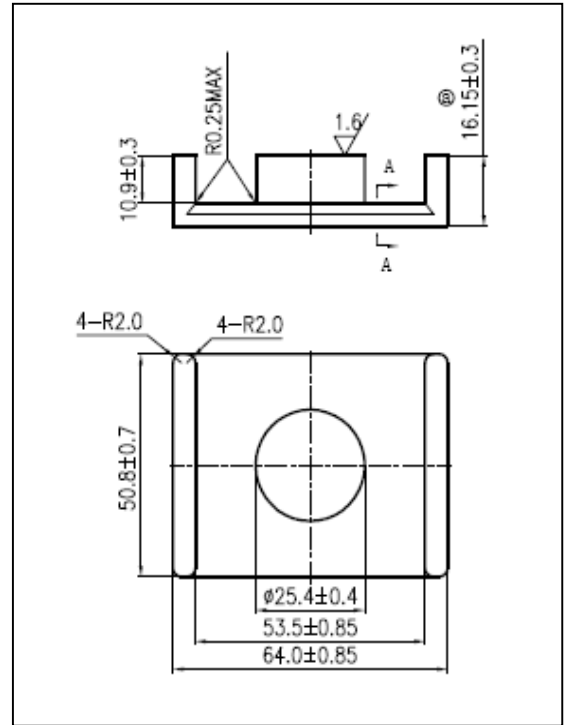
Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR95	$9000 \pm 25\%$	≥ 315	≤ 7.83

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.20	mm^{-1}
V_e	effective volume	56286.0	mm^3
l_e	effective length	106.2	mm
A_e	effective area	530.0	mm^2
A_{\min}	minimum area	506.7	mm^2
W_t	mass of core set	≈ 279.0	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	9500 ± 25%	≥ 315	≤ 41.7
DMR44	9500 ± 25%	≥ 315	≤ 41.8
DMR95	15400 ± 25%	≥ 315	≤ 31.0