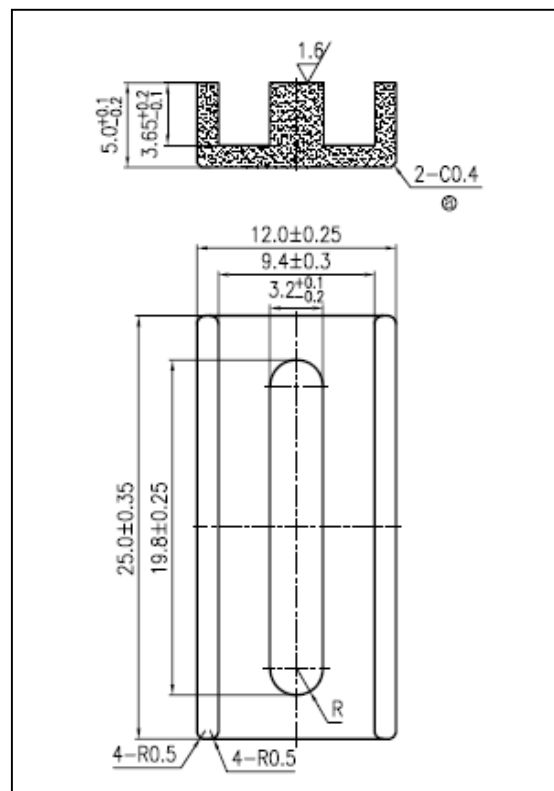


## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.40	$\text{mm}^{-1}$
$V_e$	effective volume	1576.28	$\text{mm}^3$
$l_e$	effective length	25.10	mm
$A_e$	effective area	62.80	$\text{mm}^2$
$A_{\min}$	minimum area	61.60	$\text{mm}^2$
$W_t$	mass of core set	$\approx 9.0$	g



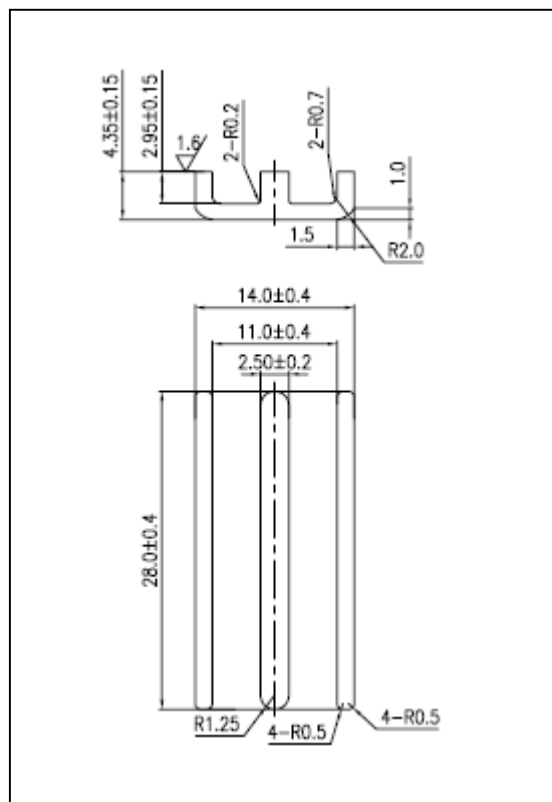
## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$3600 \pm 25\%$	—	$\leq 1.26$
DMR44	$3600 \pm 25\%$	—	$\leq 1.08$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.31	$\text{mm}^{-1}$
$V_e$	effective volume	1843.43	$\text{mm}^3$
$l_e$	effective length	23.95	mm
$A_e$	effective area	76.97	$\text{mm}^2$
$A_{\min}$	minimum area	69.08	$\text{mm}^2$
$W_t$	mass of core set	$\approx 9.12$	g



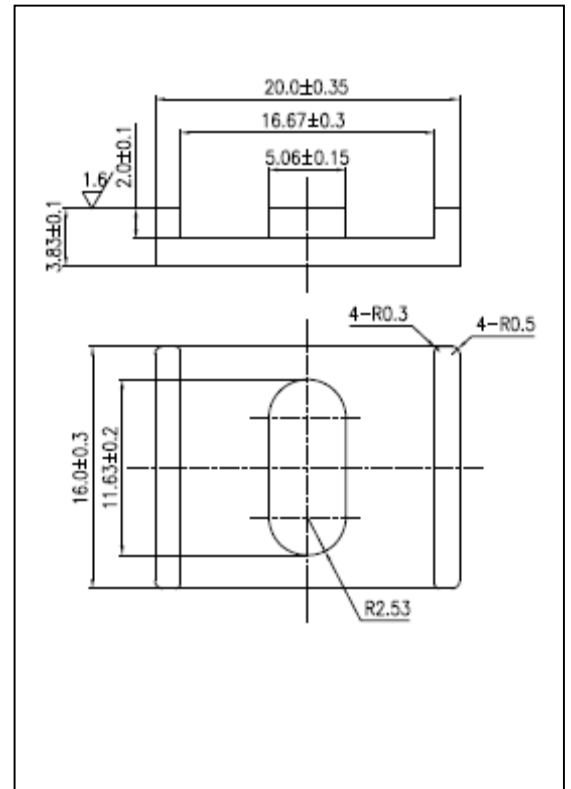
## Characteristic

GRADE	$AL$ ( $\text{nH}/\text{N}^2$ )	$B$ (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	$5000 \pm 25\%$	—	$\leq 1.33$
DMR44	$5000 \pm 25\%$	—	$\leq 1.10$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.47	$\text{mm}^{-1}$
$V_e$	effective volume	1397.76	$\text{mm}^3$
$l_e$	effective length	25.60	mm
$A_e$	effective area	54.60	$\text{mm}^2$
$A_{\min}$	minimum area	52.50	$\text{mm}^2$
$W_t$	mass of core set	$\approx 7.33$	g



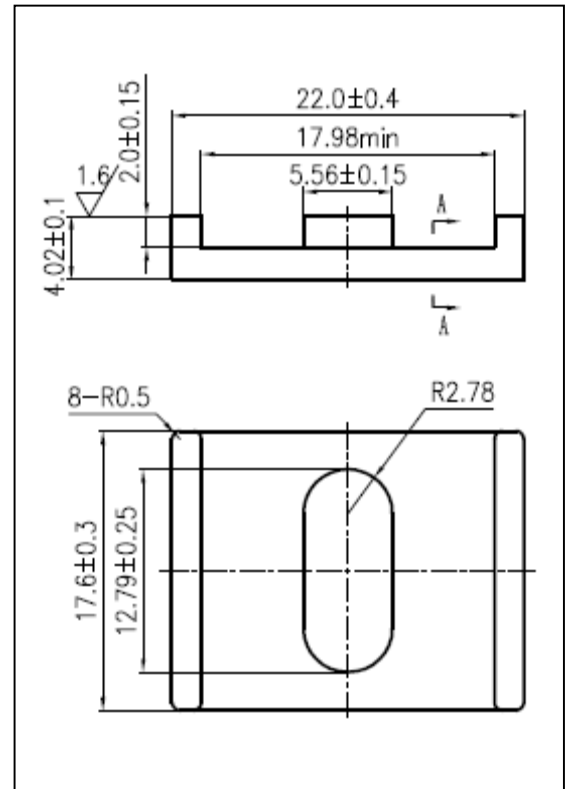
## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$4300 \pm 25\%$	$\geq 290$	$\leq 1.0$
DMR44	$4300 \pm 25\%$	$\geq 290$	$\leq 0.84$
DMR47	$4300 \pm 25\%$	$\geq 300$	$\leq 0.79$

## CORE SETS

## Effective core parameters

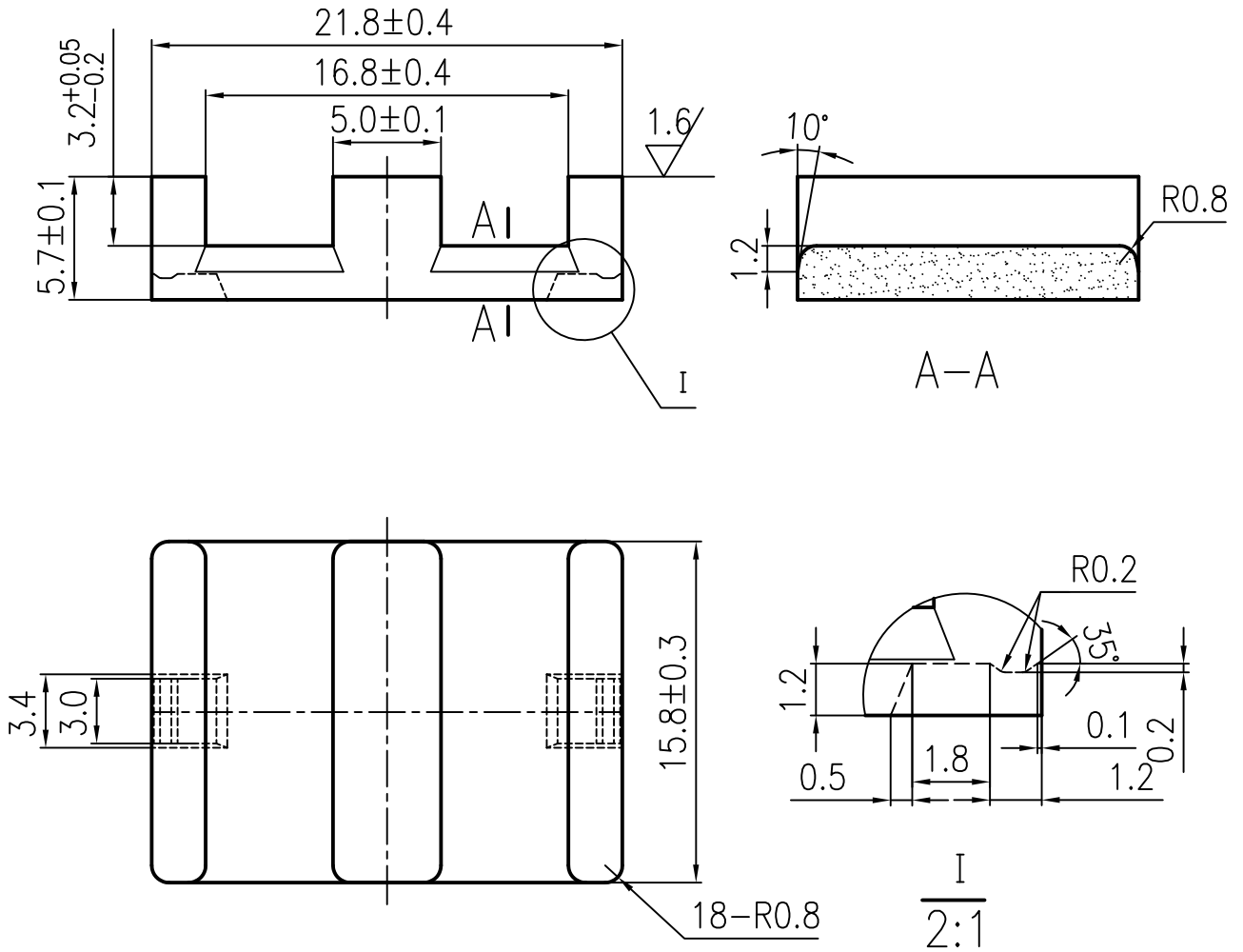
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.41	$\text{mm}^{-1}$
$V_e$	effective volume	1807.26	$\text{mm}^3$
$l_e$	effective length	27.30	mm
$A_e$	effective area	66.20	$\text{mm}^2$
$A_{\min}$	minimum area	64.16	$\text{mm}^2$
$W_t$	mass of core set	$\approx 10.0$	g



## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$4200 \pm 25\%$	$\geq 290$	$\leq 1.25$
DMR44	$4200 \pm 25\%$	$\geq 290$	$\leq 1.05$
DMR47	$4400 \pm 25\%$	$\geq 300$	$\leq 0.95$
DMR95	$5000 \pm 25\%$	$\geq 290$	$\leq 1.05$

其余



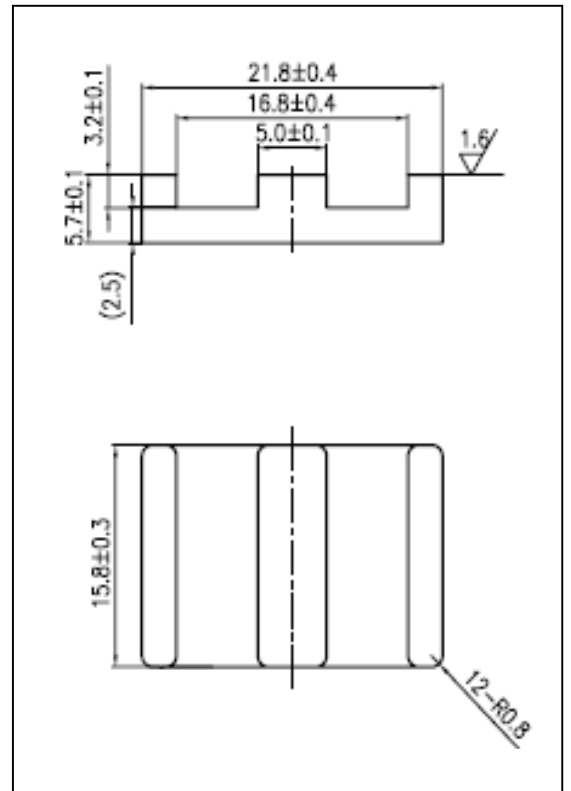
注:此产品一般情况与EEW22C(DM7.780.4004)配套

						软磁事业部 <b>DMEGC</b>		
标记	处数	分区	更改文件号	签名	年月日			
设计			07.08.06	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	A			
						DM7.780.4003		

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.41	$\text{mm}^{-1}$
$V_e$	effective volume	2528.0	$\text{mm}^3$
$l_e$	effective length	32.4	mm
$A_e$	effective area	79.0	$\text{mm}^2$
$A_{\min}$	minimum area	78.3	$\text{mm}^2$
$W_t$	mass of core set	$\approx 13.2$	g



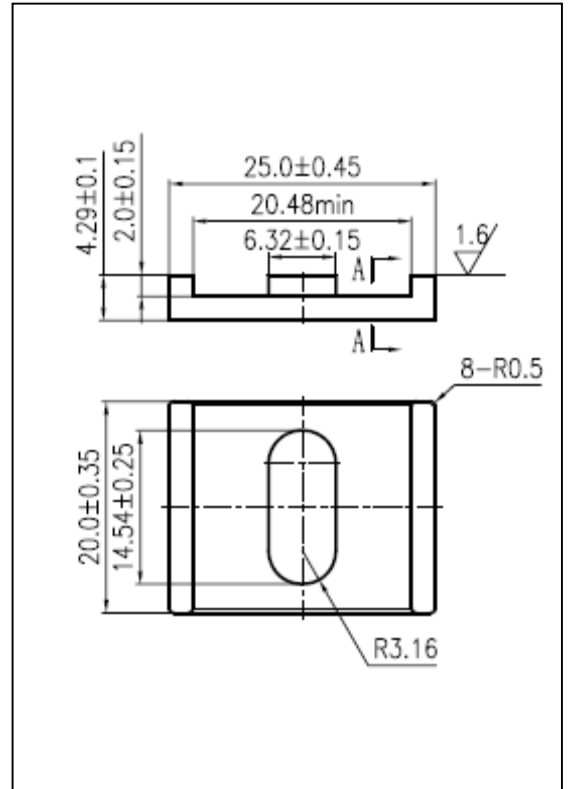
Characteristic

GRADE	$AL$ ( $\text{nH}/\text{N}^2$ )	$B$ (mT)	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR40	$4000 \pm 25\%$	$\geq 290$	$\leq 1.65$
DMR44	$4000 \pm 25\%$	$\geq 290$	$\leq 1.52$

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.35	$\text{mm}^{-1}$
$V_e$	effective volume	2568.00	$\text{mm}^3$
$l_e$	effective length	30.00	mm
$A_e$	effective area	85.60	$\text{mm}^2$
$A_{\min}$	minimum area	83.32	$\text{mm}^2$
$W_t$	mass of core set	$\approx 15.0$	g



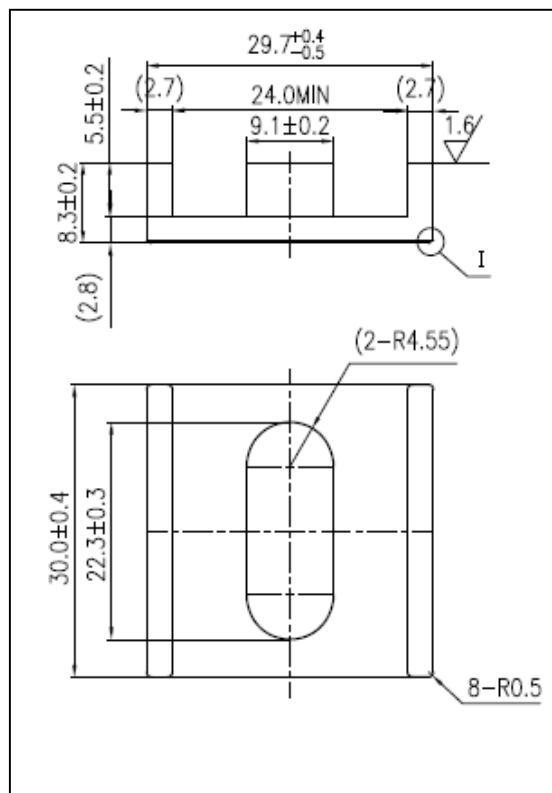
Characteristic

GRADE	$AL$ ( $\text{nH}/\text{N}^2$ )	$B$ (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	$5000 \pm 25\%$	$\geq 315$	$\leq 1.88$
DMR44	$5000 \pm 25\%$	$\geq 315$	$\leq 1.58$
DMR47	$5500 \pm 25\%$	$\geq 325$	$\leq 1.43$
DMR95	$6200 \pm 25\%$	$\geq 315$	$\leq 1.50$

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.18	$\text{mm}^{-1}$
$V_e$	effective volume	6436.7	$\text{mm}^3$
$l_e$	effective length	33.7	mm
$A_e$	effective area	191.0	$\text{mm}^2$
$A_{\text{min}}$	minimum area	175.2	$\text{mm}^2$
$W_t$	mass of core set	$\approx 33.4$	g



Characteristic

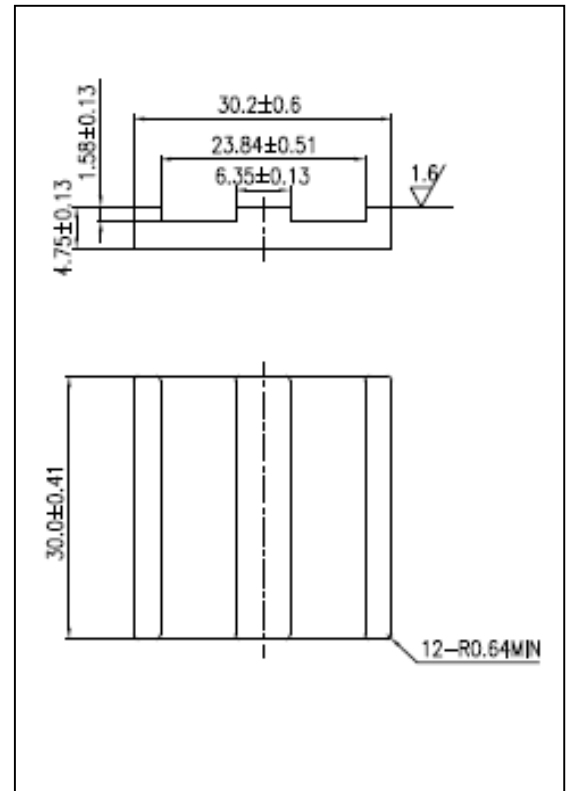
GRADE	AL (nH/N <sup>2</sup> )	B (mT)	CORE LOSS (W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C
DMR40	5500 $\pm$ 25%	$\geq 315$	$\leq 4.18$
DMR44	5500 $\pm$ 25%	$\geq 315$	$\leq 3.51$



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.18	$\text{mm}^{-1}$
$V_e$	effective volume	6436.70	$\text{mm}^3$
$l_e$	effective length	33.70	mm
$A_e$	effective area	191.00	$\text{mm}^2$
$A_{\min}$	minimum area	175.20	$\text{mm}^2$
$W_t$	mass of core set	$\approx 33.4$	g



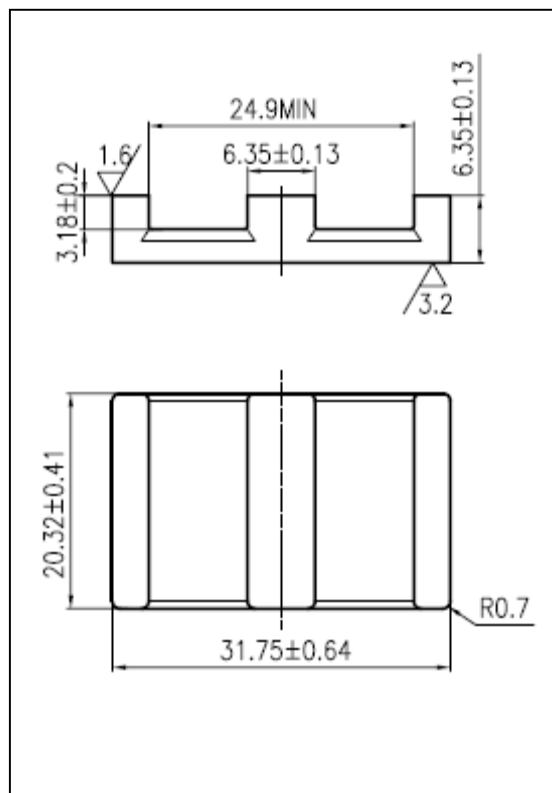
Characteristic

GRADE	AL (nH/N <sup>2</sup> )	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
DMR24	7500±25%	≥315	≤4.18

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.32	$\text{mm}^{-1}$
$V_e$	effective volume	5379.30	$\text{mm}^3$
$l_e$	effective length	41.70	mm
$A_e$	effective area	129.00	$\text{mm}^2$
$A_{\text{min}}$	minimum area	128.60	$\text{mm}^2$
$W_t$	mass of core set	$\approx 26.5$	g



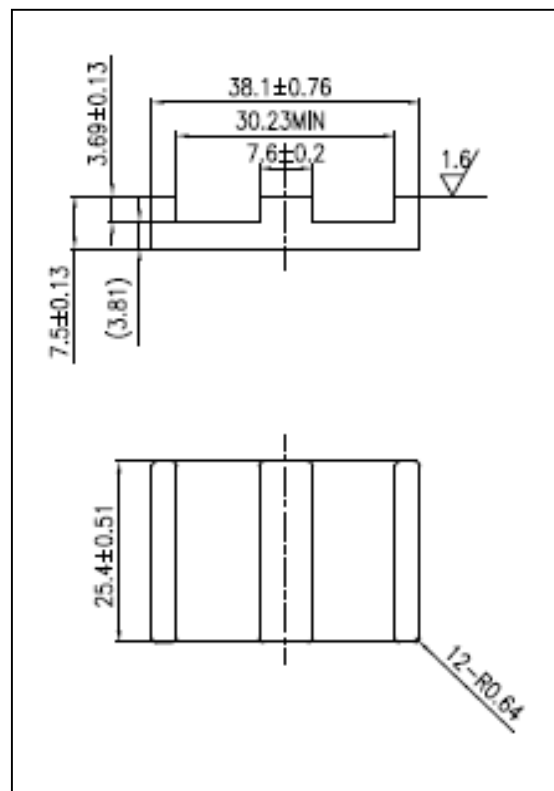
Characteristic

GRADE	AL (nH/N <sup>2</sup> )	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	5700 ± 25%	≥ 315	≤ 4.53
DMR44	5700 ± 25%	≥ 315	≤ 3.50
DMR95	7500 ± 25%	≥ 315	≤ 3.12

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.26	$\text{mm}^{-1}$
$V_e$	effective volume	9542.40	$\text{mm}^3$
$l_e$	effective length	49.70	mm
$A_e$	effective area	192.00	$\text{mm}^2$
$A_{\min}$	minimum area	179.64	$\text{mm}^2$
$W_t$	mass of core set	$\approx 49.0$	g



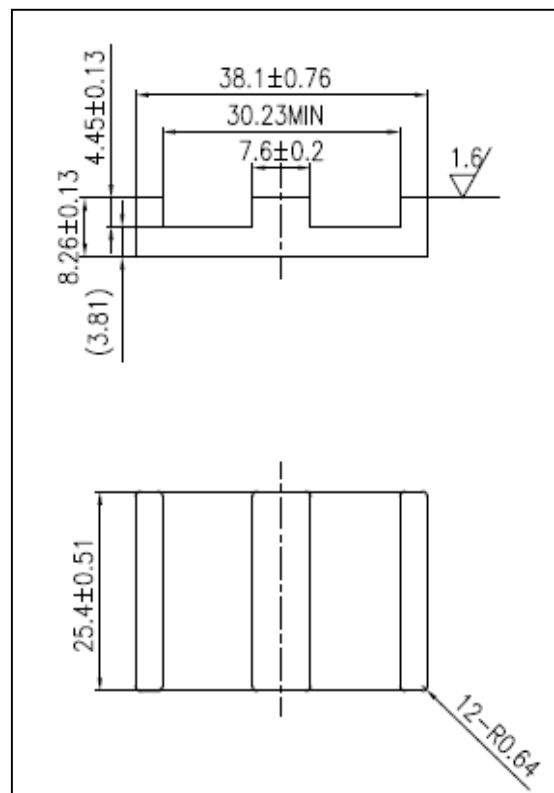
## Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
		$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$
DMR95	$9000 \pm 25\%$	$\geq 315$	$\leq 5.25$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.28	$\text{mm}^{-1}$
$V_e$	effective volume	10103.90	$\text{mm}^3$
$l_e$	effective length	52.90	mm
$A_e$	effective area	191.00	$\text{mm}^2$
$A_{\min}$	minimum area	191.00	$\text{mm}^2$
$W_t$	mass of core set	$\approx 52.1$	g



## Characteristic

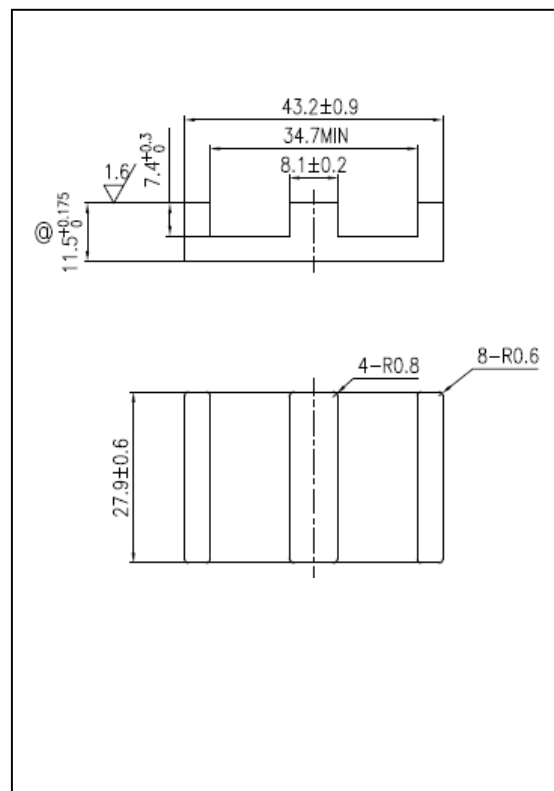
GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C	
DMR40	7500 ± 25%	$\geq 315$	$\leq 6.25$	
DMR44	7500 ± 25%	$\geq 315$	$\leq 5.73$	
DMR95	10000 ± 25%	$\geq 315$	$\leq 5.56$	

GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=500kHz B=50mT T=100°C	f=3MHz B=10mT T=100°C
DMR50	5000	$\geq 300$	$\leq 1.82$	—

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.31	$\text{mm}^{-1}$
$V_e$	effective volume	15764.0	$\text{mm}^3$
$l_e$	effective length	70.0	mm
$A_e$	effective area	225.2	$\text{mm}^2$
$A_{\min}$	minimum area	223.2	$\text{mm}^2$
$W_t$	mass of core set	$\approx 80$	g



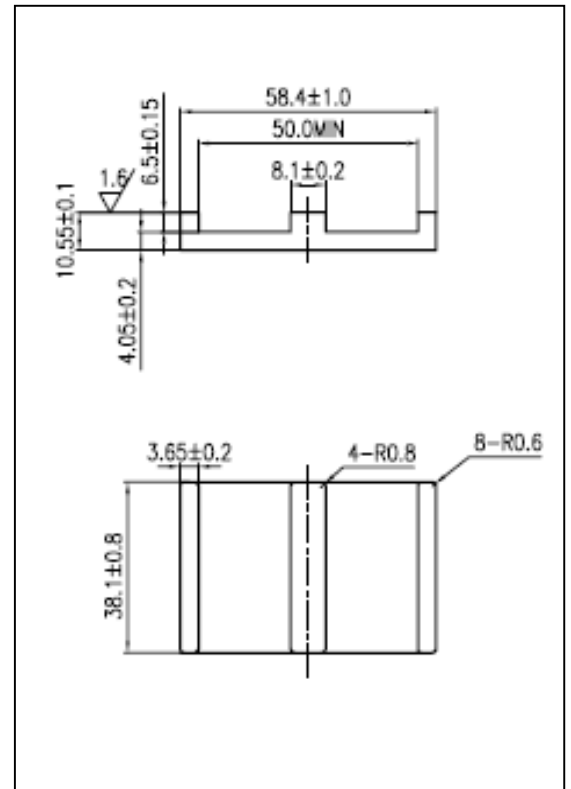
## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$6700 \pm 25\%$	$\geq 315$	$\leq 9.6$
DMR44	$6700 \pm 25\%$	$\geq 315$	$\leq 8.8$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.27	$\text{mm}^{-1}$
$V_e$	effective volume	24278.8	$\text{mm}^3$
$l_e$	effective length	81.2	mm
$A_e$	effective area	299.0	$\text{mm}^2$
$A_{\min}$	minimum area	278.1	$\text{mm}^2$
$W_t$	mass of core set	$\approx 123.4$	g



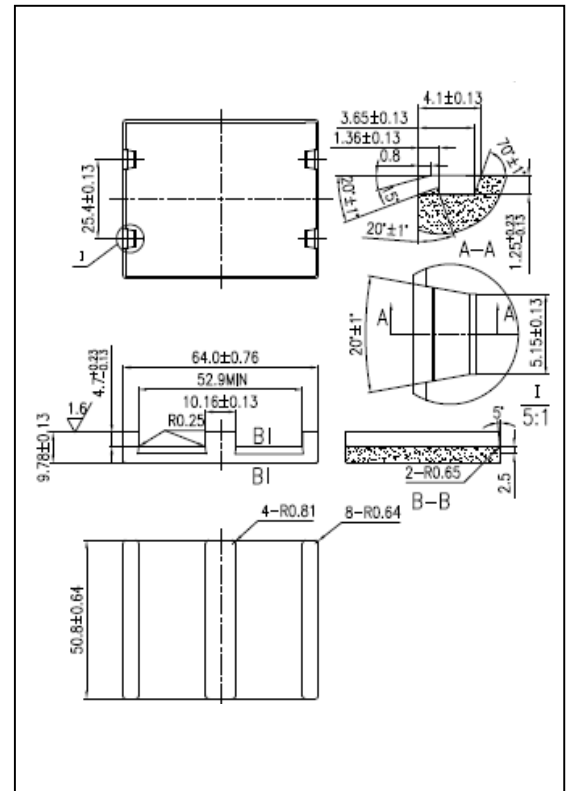
## Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$8000 \pm 25\%$	$\geq 315$	$\leq 16.66$
DMR44	$8000 \pm 25\%$	$\geq 315$	$\leq 13.58$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.15	$\text{mm}^{-1}$
$V_e$	effective volume	40196.4	$\text{mm}^3$
$l_e$	effective length	77.9	mm
$A_e$	effective area	516.0	$\text{mm}^2$
$A_{\min}$	minimum area	506.8	$\text{mm}^2$
$W_t$	mass of core set	$\approx 206.0$	g



## Characteristic

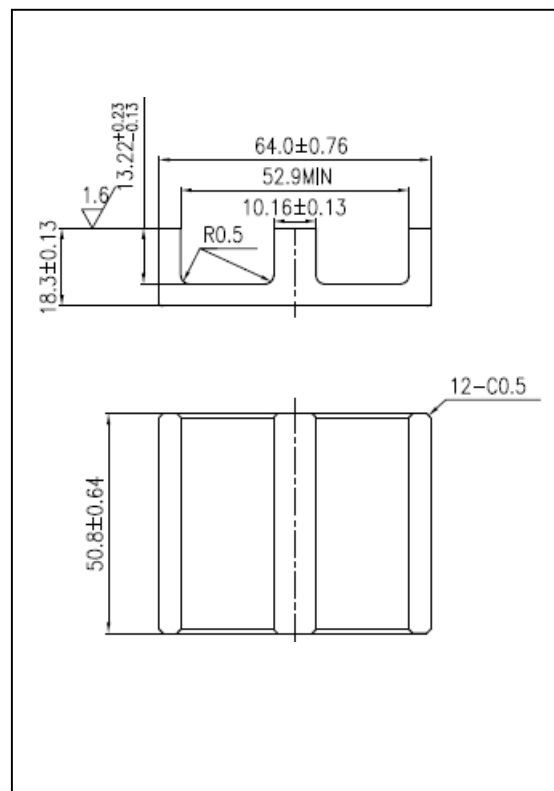
GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$	
DMR40	$15300 \pm 25\%$	$\geq 315$	$\leq 24.72$	
DMR44	$15300 \pm 25\%$	$\geq 315$	$\leq 22.66$	
DMR95	$21990 \pm 25\%$	$\geq 315$	$\leq 22.11$	

GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=500\text{kHz}$ $B=50\text{mT}$ $T=100^\circ\text{C}$	$f=3\text{MHz}$ $B=10\text{mT}$ $T=100^\circ\text{C}$
DMR55	$12000 \pm 25\%$	$\geq 300$	$\leq 12.87$	—

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.22	$\text{mm}^{-1}$
$V_e$	effective volume	57792.00	$\text{mm}^3$
$l_e$	effective length	112.00	mm
$A_e$	effective area	516.00	$\text{mm}^2$
$A_{\min}$	minimum area	516.00	$\text{mm}^2$
$W_t$	mass of core set	$\approx 292.0$	g

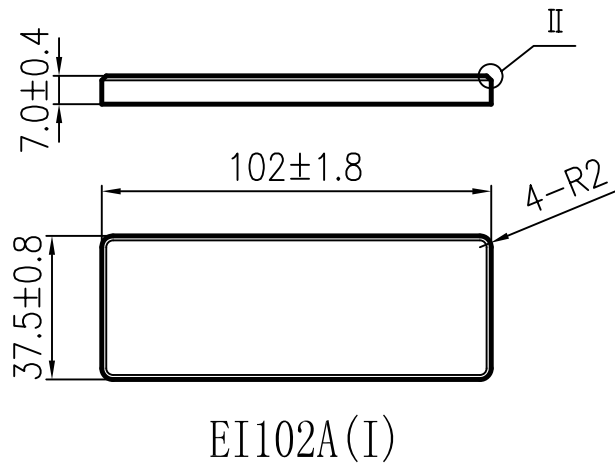
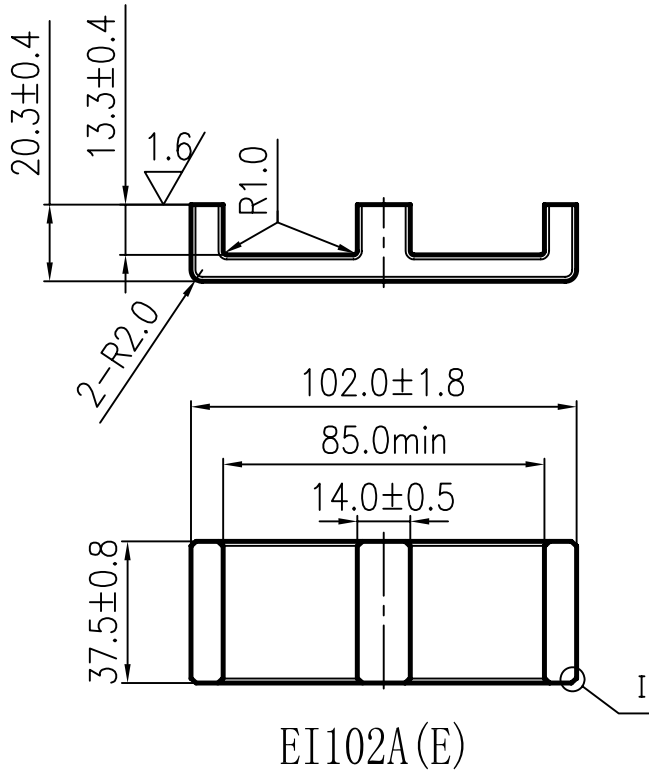


## Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$11100 \pm 25\%$	$\geq 315$	$\leq 36.50$
DMR44	$11100 \pm 25\%$	$\geq 315$	$\leq 33.58$



其余 

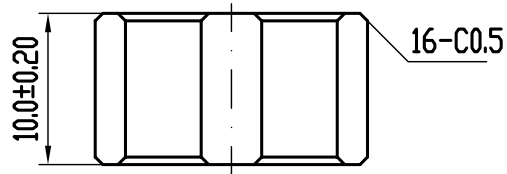
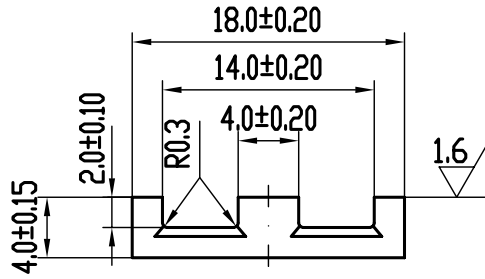


标记	处数	分区	更改文件号	签名	年月日						
设计			12.4.13	标准化			阶段标记	重量	比例		
CAD									1:2		
审核				批准							
工艺				REV	A		共	页	第	页	

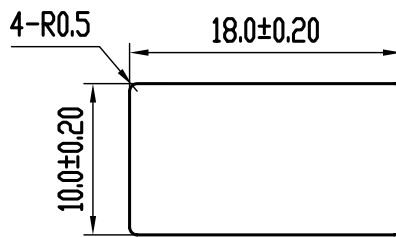
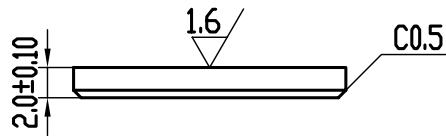


EI102A 磁芯

DM7.780.7048



EI18C(E)



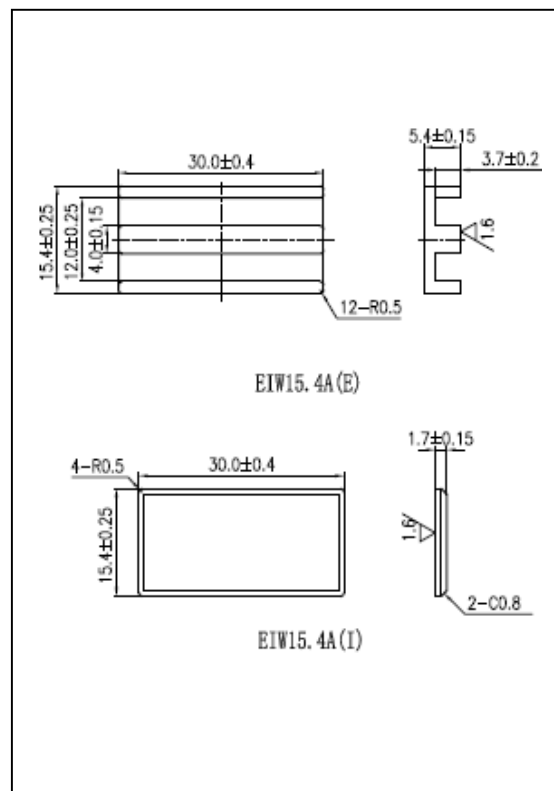
EI18C(I)

									 <b>软磁事业部</b>		
标记	处数	分区	更改文件号	签名	年月日					EI18C 磁芯	
设计			04.06.23	标准化				阶段标记	重量	比例	
CAD										2:1	
审核				批准							
工艺				REV				共	页	第	页
DM7.780.2042											

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.19	$\text{mm}^{-1}$
$V_e$	effective volume	2131.5	$\text{mm}^3$
$l_e$	effective length	20.3	mm
$A_e$	effective area	105.0	$\text{mm}^2$
$A_{\min}$	minimum area	104.7	$\text{mm}^2$
$W_t$	mass of core set	$\approx 11.2$	g



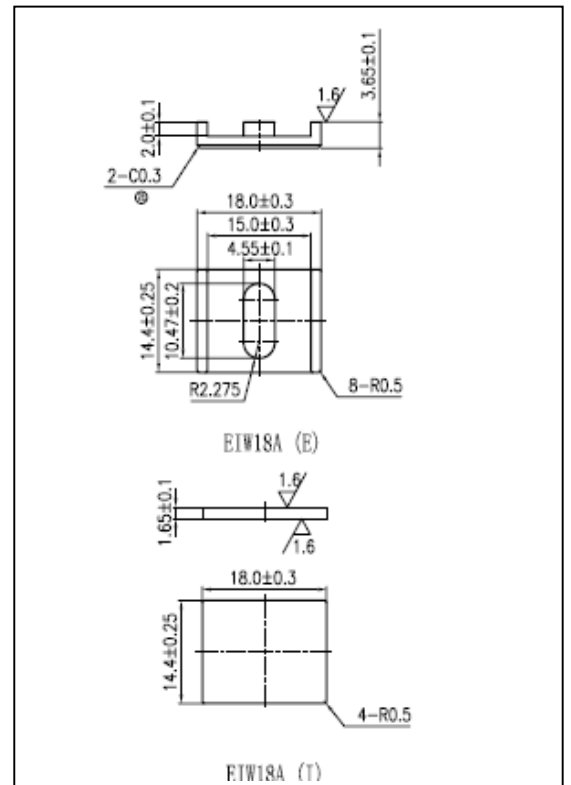
## Characteristic

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A}/\text{m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$7100 \pm 25\%$	$\geq 250$	$\leq 1.63$
DMR44	$7100 \pm 25\%$	$\geq 250$	$\leq 1.35$

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.44	$\text{mm}^{-1}$
$V_e$	effective volume	881.10	$\text{mm}^3$
$l_e$	effective length	19.80	mm
$A_e$	effective area	44.50	$\text{mm}^2$
$W_t$	mass of core set	$\approx 10.0$	g



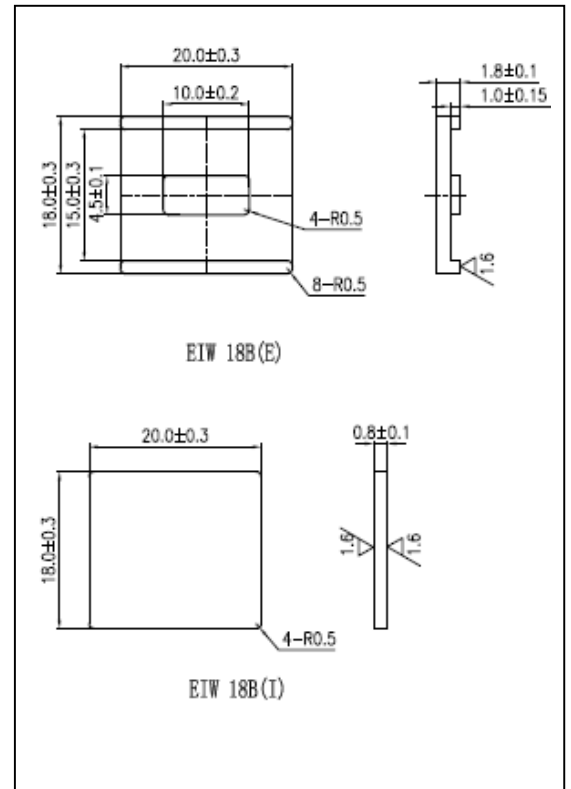
## Characteristic

GRADE	AL (nH/N <sup>2</sup> )	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
DMR90	3400 ± 25%	≥ 315	≤ 1.65

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.43	$\text{mm}^{-1}$
$V_e$	effective volume	553.35	$\text{mm}^3$
$l_e$	effective length	15.50	mm
$A_e$	effective area	35.70	$\text{mm}^2$
$A_{\text{min}}$	minimum area	28.80	$\text{mm}^2$
$W_t$	mass of core set	$\approx 3.4$	g



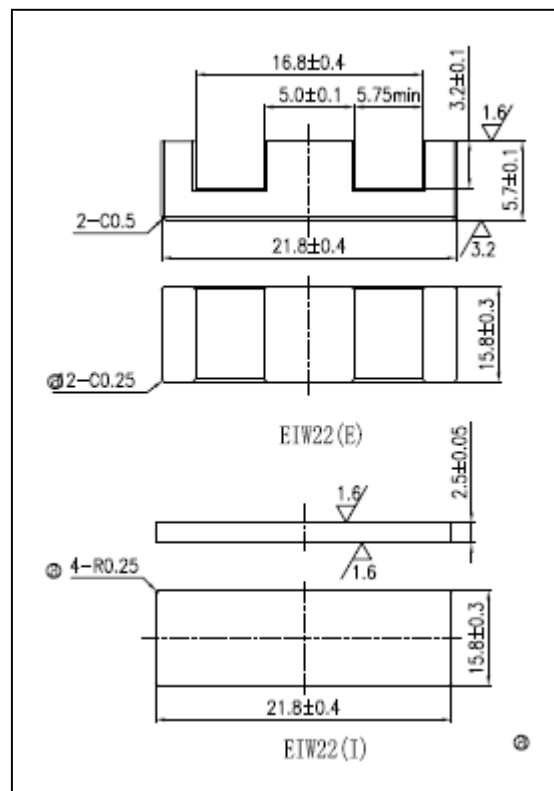
Characteristic

GRADE	AL (nH/N <sup>2</sup> )	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=500kHz B=50mT T=100°C	f=3MHz B=10mT T=100°C
DMR50	1438 ± 25%	≥ 270	≤ 1.02	—

## CORE SETS

## Effective core parameters

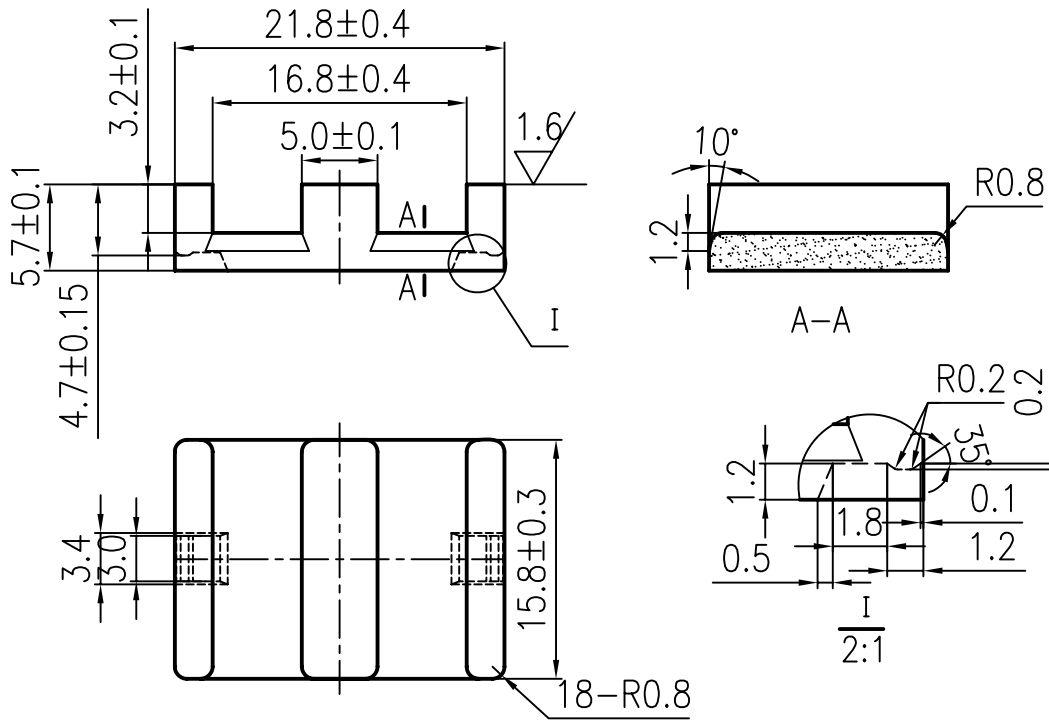
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.33	$\text{mm}^{-1}$
$V_e$	effective volume	2048.9	$\text{mm}^3$
$l_e$	effective length	26.1	mm
$A_e$	effective area	78.5	$\text{mm}^2$
$A_{\min}$	minimum area	78.5	$\text{mm}^2$
$W_t$	mass of core set	$\approx 10.5$	g



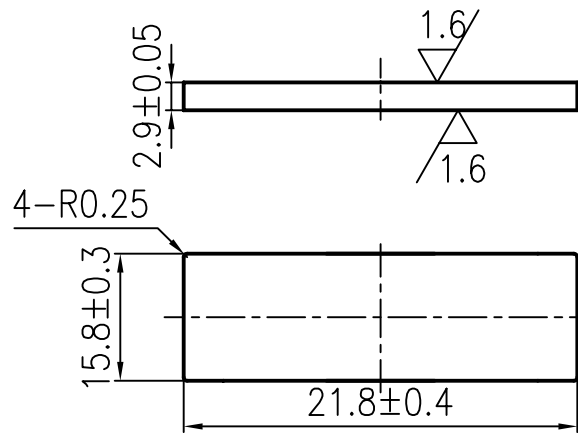
## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$4600 \pm 25\%$	$\geq 325$	$\leq 1.53$
DMR40	$5000 \pm 25\%$	$\geq 315$	$\leq 1.42$
DMR44	$5000 \pm 25\%$	$\geq 315$	$\leq 1.16$
DMR47	$5800 \pm 25\%$	$\geq 325$	$\leq 1.00$
DMR90	$5000 \pm 25\%$	$\geq 325$	$\leq 1.32$
DMR95	$6200 \pm 25\%$	$\geq 315$	$\leq 1.13$


其余 



EIW22D(E)



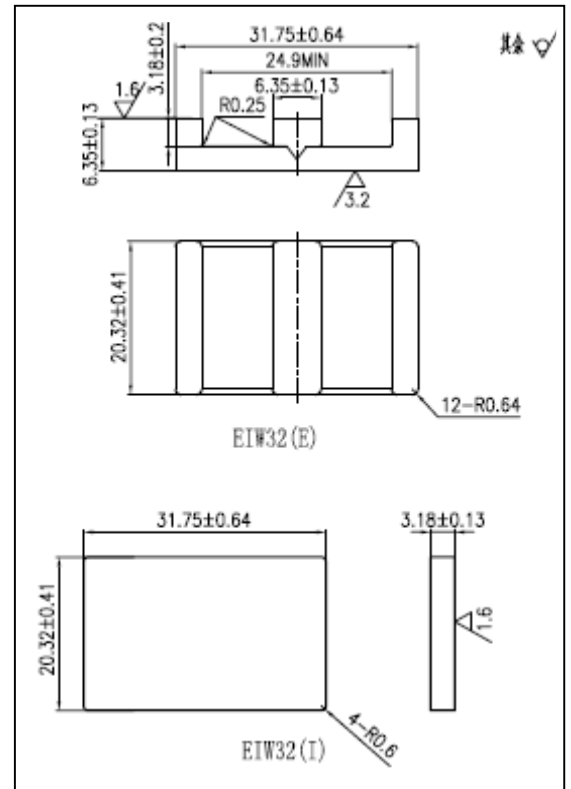
EIW22D(I)

						 软磁事业部 EIW22D 磁芯		
标记	处数	分区	更改文件号	签名	年月日			
设计			14.02.26	标准化				3:1
CAD								
审核				批准				
工艺				REV	A	共	页	第
						DM7.780.9058		

## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.30	$\text{mm}^{-1}$
$V_e$	effective volume	4541.82	$\text{mm}^3$
$l_e$	effective length	35.40	mm
$A_e$	effective area	128.30	$\text{mm}^2$
$A_{\min}$	minimum area	125.48	$\text{mm}^2$
$W_t$	mass of core set	$\approx 24.0$	g



## Characteristic

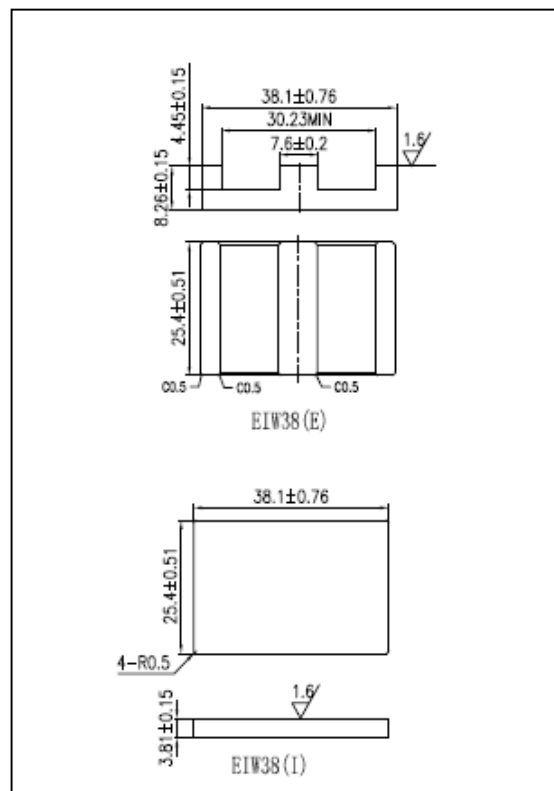
GRADE	AL ( $\text{nH}/\text{N}^2$ )	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR24	$5600 \pm 25\%$	$\geq 325$	$\leq 2.95$
DMR40	$6300 \pm 25\%$	$\geq 315$	$\leq 2.88$
DMR44	$6300 \pm 25\%$	$\geq 315$	$\leq 2.64$
DMR47	$6600 \pm 25\%$	$\geq 325$	$\leq 2.28$
DMR95	$8000 \pm 25\%$	$\geq 315$	$\leq 2.50$



## CORE SETS

## Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.23	$\text{mm}^{-1}$
$V_e$	effective volume	8453.4	$\text{mm}^3$
$l_e$	effective length	43.8	mm
$A_e$	effective area	193.0	$\text{mm}^2$
$A_{\min}$	minimum area	179.6	$\text{mm}^2$
$W_t$	mass of core set	$\approx 43.6$	g



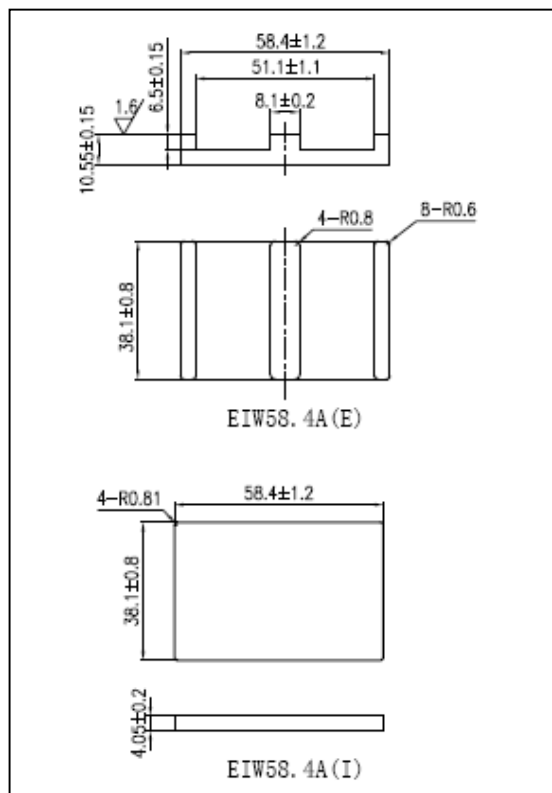
## Characteristic

GRADE	AL ( $\text{nH}/\text{N}^2$ )	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	$8700 \pm 25\%$	$\geq 325$	$\leq 5.50$
DMR40	$8700 \pm 25\%$	$\geq 315$	$\leq 5.45$
DMR44	$8700 \pm 25\%$	$\geq 315$	$\leq 4.80$
DMR47	$9000 \pm 25\%$	$\geq 325$	$\leq 4.15$
DMR95	$10500 \pm 25\%$	$\geq 315$	$\leq 4.65$

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor ( $C_1$ )	0.22	$\text{mm}^{-1}$
$V_e$	effective volume	20763.2	$\text{mm}^3$
$l_e$	effective length	68.3	mm
$A_e$	effective area	304.0	$\text{mm}^2$
$A_{\min}$	minimum area	277.5	$\text{mm}^2$
$W_t$	mass of core set	$\approx 105.2$	g



Characteristic

GRADE	AL (nH/N <sup>2</sup> )	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	$8400 \pm 25\%$	$\geq 315$	$\leq 12.63$
DMR44	$8400 \pm 25\%$	$\geq 315$	$\leq 11.58$