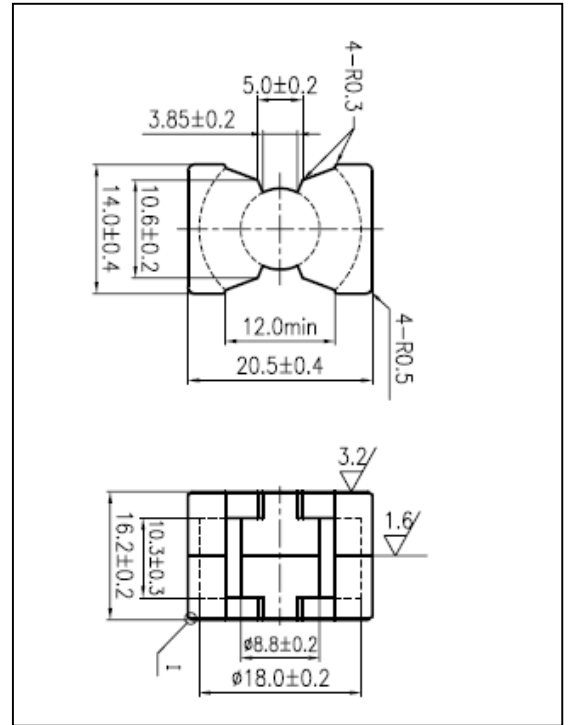


CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.61	mm^{-1}
V_e	effective volume	2318.80	mm^3
l_e	effective length	37.40	mm
A_e	effective area	62.00	mm^2
A_{min}	minimum area	59.10	mm^2
W_t	mass of core set	≈ 13	g



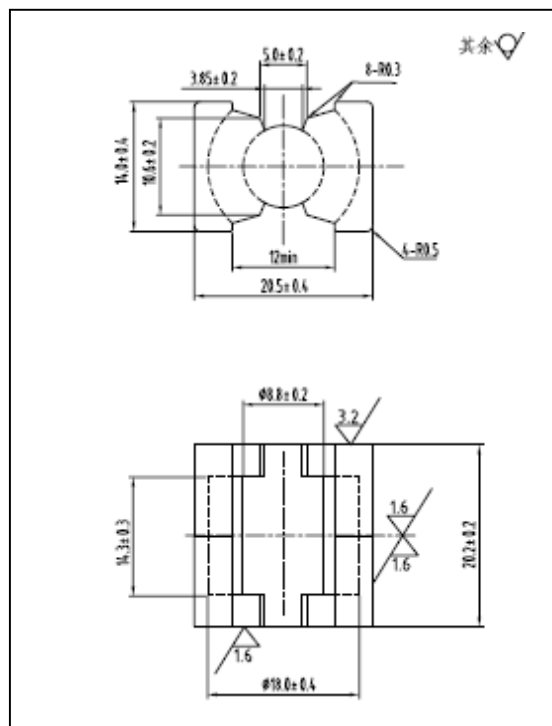
Characteristic

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	$3500 \pm 25\%$	≥ 315	≤ 1.82
DMR44	$3500 \pm 25\%$	≥ 315	≤ 1.56
DMR95	$4300 \pm 25\%$	≥ 315	≤ 1.43

CORE SETS

Effective core parameters

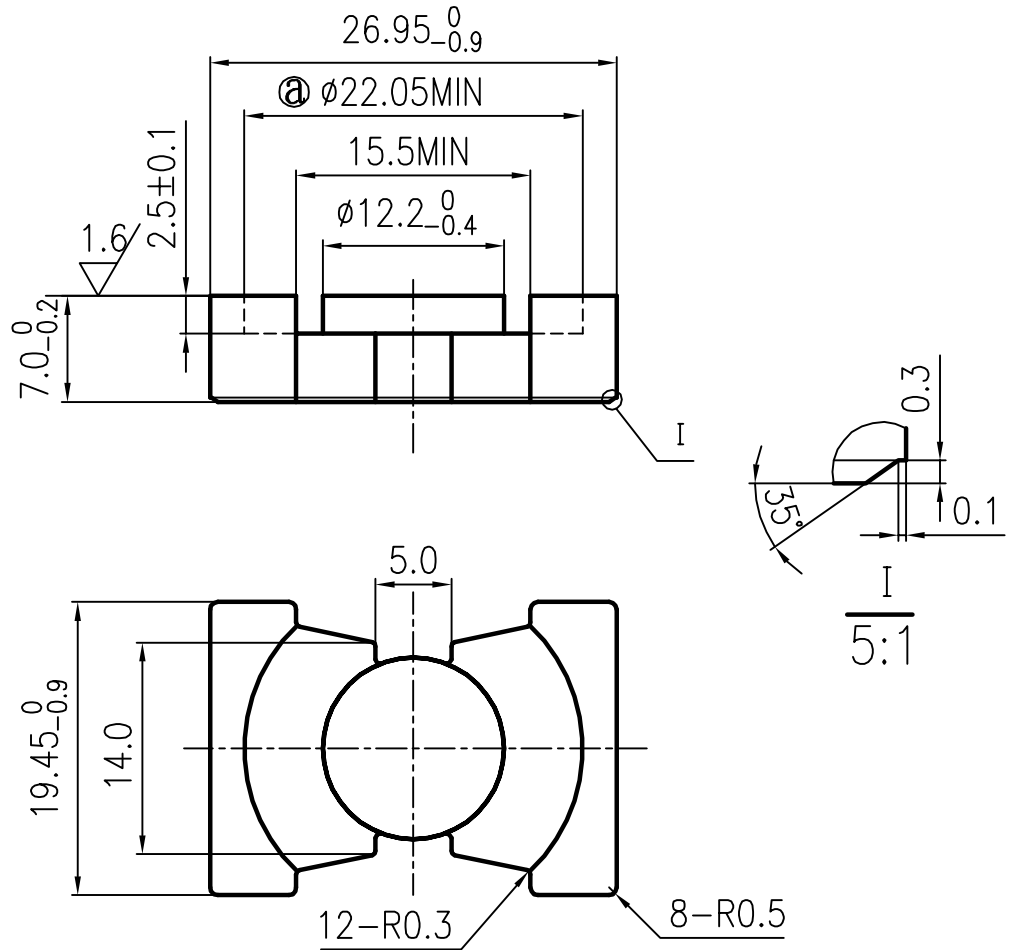
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.74	mm^{-1}
V_e	effective volume	2814.80	mm^3
l_e	effective length	45.40	mm
A_e	effective area	62.00	mm^2
A_{\min}	minimum area	60.82	mm^2
W_t	mass of core set	≈ 15	g



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	3000 ± 25%	≥ 315	≤ 2.10
DMR44	3000 ± 25%	≥ 315	≤ 1.80
DMR95	3500 ± 25%	≥ 315	≤ 1.65

其余 ✓

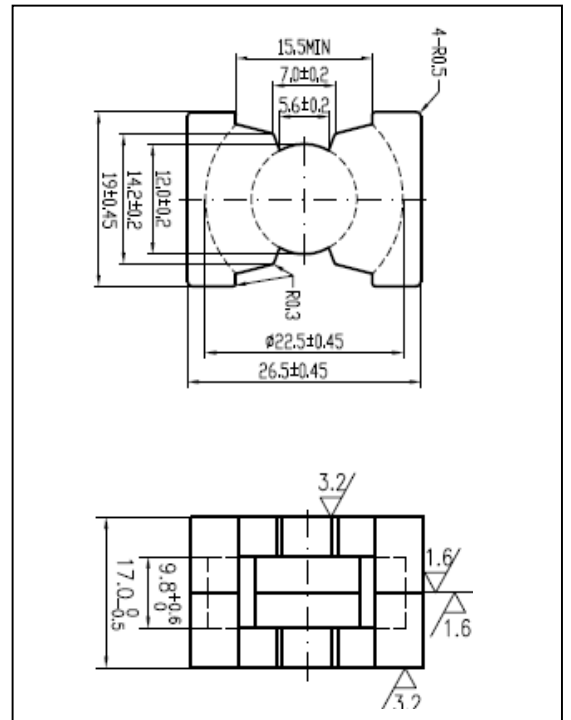


						 软磁事业部			
①	1		07-520		07.07.25		PQ26/14 磁芯		
标记	处数	分区	更改文件号	签名	年月日	DM7.780.18694			
设计			06.07.13	标准化			阶段标记	重量	比例
CAD									2:1
审核				批准			共	页	第
工艺				REV	B			页	

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.32	mm^{-1}
V_e	effective volume	5095.3	mm^3
l_e	effective length	40.6	mm
A_e	effective area	125.5	mm^2
W_t	mass of core set	≈ 23.3	g



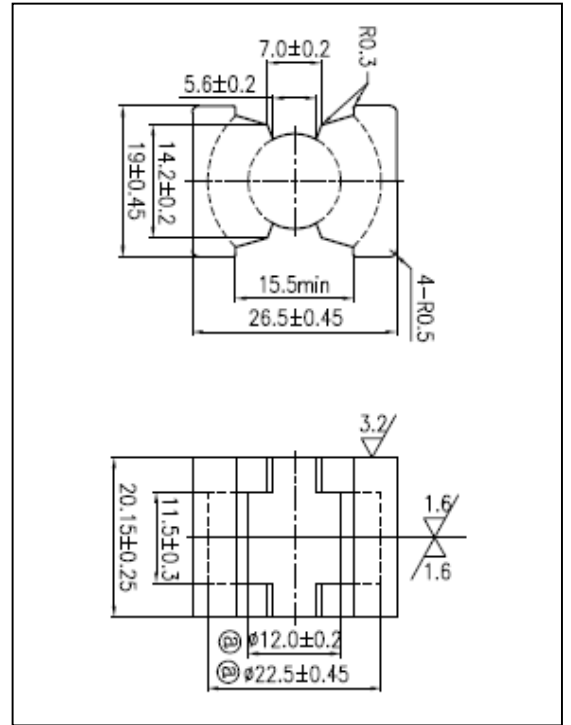
Characteristic

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
DMR24	4500 ± 25%	≥ 325	≤ 3.46
DMR40	5200 ± 25%	≥ 315	≤ 3.26
DMR44	5200 ± 25%	≥ 315	≤ 2.80
DMR95	7000 ± 25%	≥ 315	≤ 2.57

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.39	mm^{-1}
V_e	effective volume	5509.7	mm^3
l_e	effective length	46.3	mm
A_e	effective area	119.0	mm^2
A_{min}	minimum area	109.0	mm^2
W_t	mass of core set	≈ 31.4	g



Characteristic

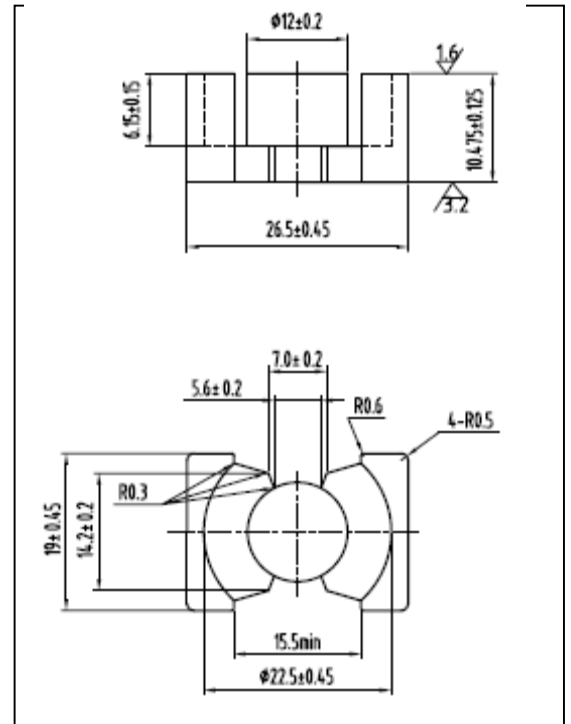
GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$	
DMR40	$5000 \pm 25\%$	≥ 315	≤ 4.40	
DMR44	$5000 \pm 25\%$	≥ 315	≤ 3.77	
DMR90	$5000 \pm 25\%$	≥ 325	≤ 4.00	
DMR95	$6500 \pm 25\%$	≥ 315	≤ 3.30	

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	$5000 \pm 25\%$	≥ 300	≤ 1.76	—
DMR50B	$3000 \pm 25\%$	≥ 300	≤ 0.88	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.39	mm^{-1}
V_e	effective volume	5535.5	mm^3
l_e	effective length	46.4	mm
A_e	effective area	119.3	mm^2
A_{\min}	minimum area	109.0	mm^2
W_t	mass of core set	≈ 31.6	g



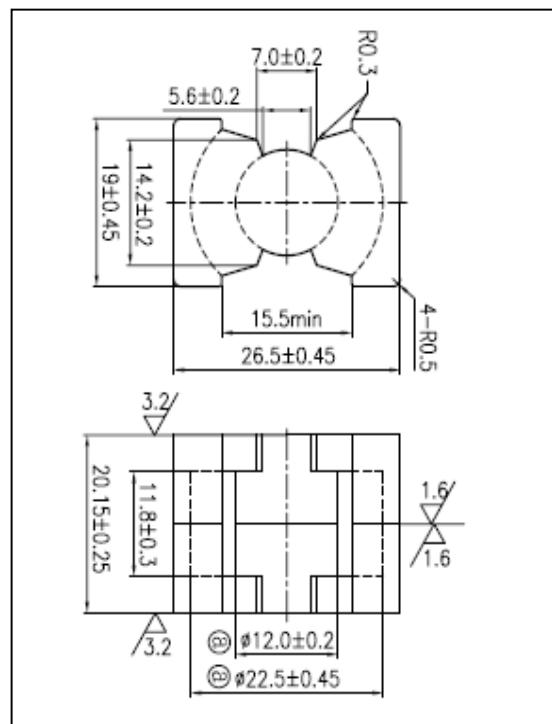
Characteristic

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	4900 ± 25%	≥ 315	≤ 4.42
DMR44	4900 ± 25%	≥ 315	≤ 3.79
DMR95	6700 ± 26%	≥ 315	≤ 3.48

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.37	mm^{-1}
V_e	effective volume	5550.6	mm^3
l_e	effective length	45.2	mm
A_e	effective area	122.8	mm^2
A_{\min}	minimum area	113.1	mm^2
W_t	mass of core set	≈ 30.5	g



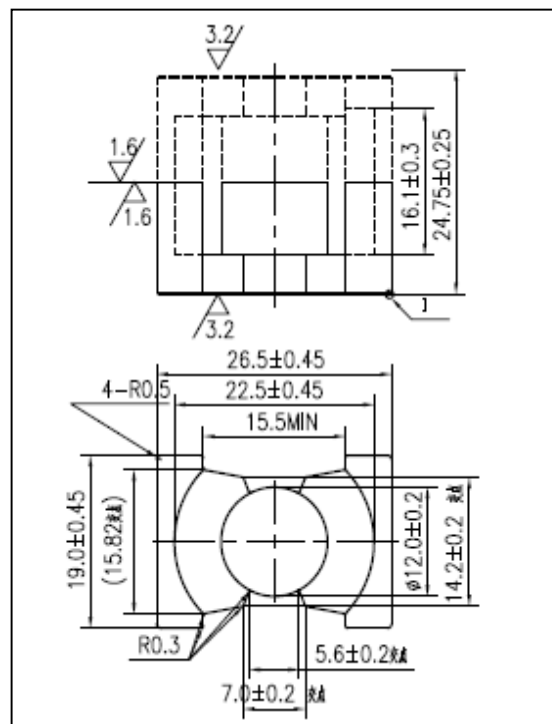
Characteristic

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	5600±25%	≥315	≤4.27
DMR44	5600±25%	≥315	≤3.66
DMR90	5000±25%	≥325	≤4.00
DMR95	6500±25%	≥315	≤3.05

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.47	mm^{-1}
V_e	effective volume	6549.0	mm^3
l_e	effective length	55.5	mm
A_e	effective area	118.0	mm^2
A_{\min}	minimum area	108.0	mm^2
W_t	mass of core set	≈ 36.0	g



Characteristic

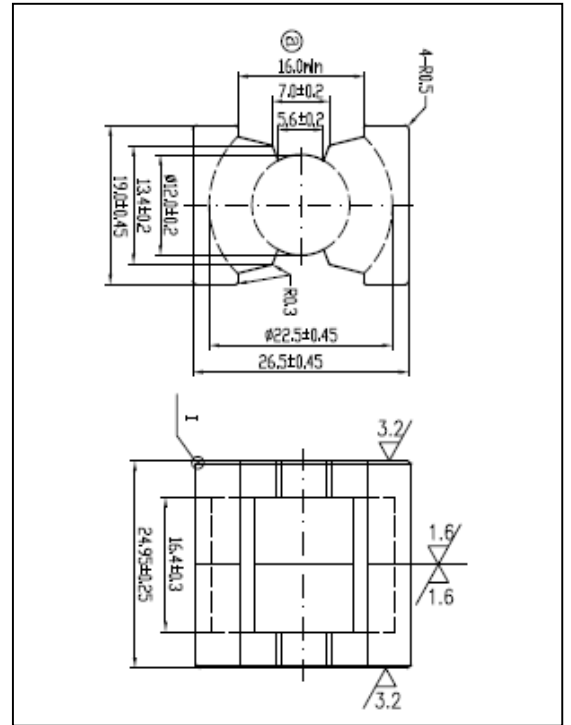
GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C	
DMR24	4000 ± 25%	≥ 325	≤ 4.86	
DMR40	4800 ± 25%	≥ 315	≤ 5.04	
DMR44	4800 ± 25%	≥ 315	≤ 4.32	
DMR47	5200 ± 25%	≥ 325	≤ 3.42	
DMR90	4500 ± 25%	≥ 325	≤ 4.68	
DMR95	5600 ± 26%	≥ 315	≤ 3.80	

GRADE	AL (nH/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
DMR55	3800 ± 25%	≥ 300	≤ 2.16	—
DMR50	3200 ± 25%	≥ 300	≤ 1.05	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.45	mm^{-1}
V_e	effective volume	6678.9	mm^3
l_e	effective length	54.7	mm
A_e	effective area	122.1	mm^2
A_{\min}	minimum area	113.1	mm^2
W_t	mass of core set	≈ 35.2	g



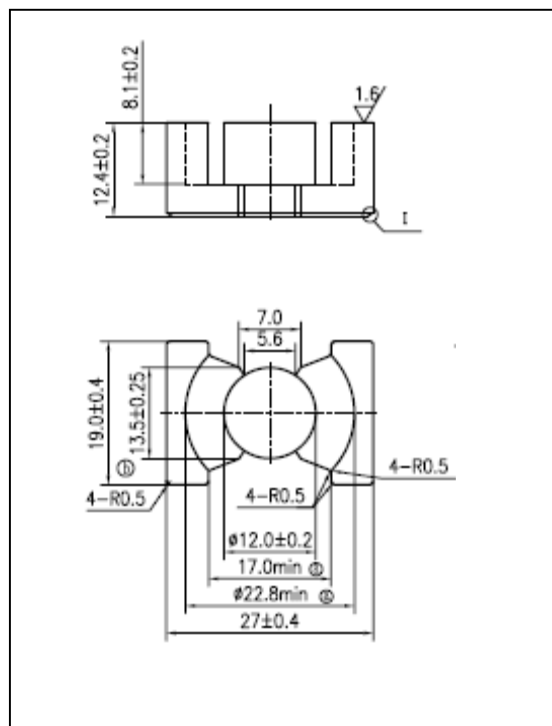
Characteristic

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	4500 ± 25%	≥ 315	≤ 4.93
DMR44	4500 ± 25%	≥ 315	≤ 4.22
DMR95	5500 ± 25%	≥ 315	≤ 3.67

CORE SETS

Effective core parameters

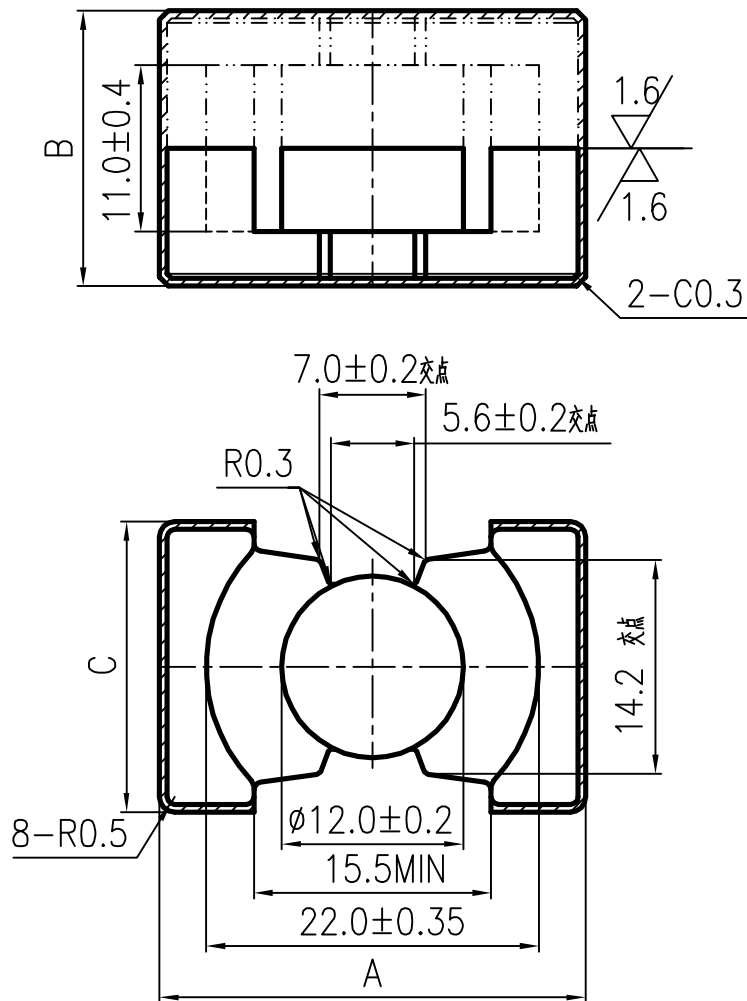
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.46	mm^{-1}
V_e	effective volume	7226.66	mm^3
l_e	effective length	57.40	mm
A_e	effective area	125.90	mm^2
A_{\min}	minimum area	113.10	mm^2
W_t	mass of core set	≈ 35.0	g



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	$4300 \pm 25\%$	≥ 315	≤ 4.9
DMR44	$4300 \pm 25\%$	≥ 315	≤ 4.2
DMR95	$6000 \pm 25\%$	≥ 315	≤ 4.2

其余 ✓



	A	B	C
涂前尺寸	27.4 ± 0.35	17.45 ± 0.3	18.45 ± 0.3
涂后尺寸	28.0MAX	18.0MAX	19.0MAX

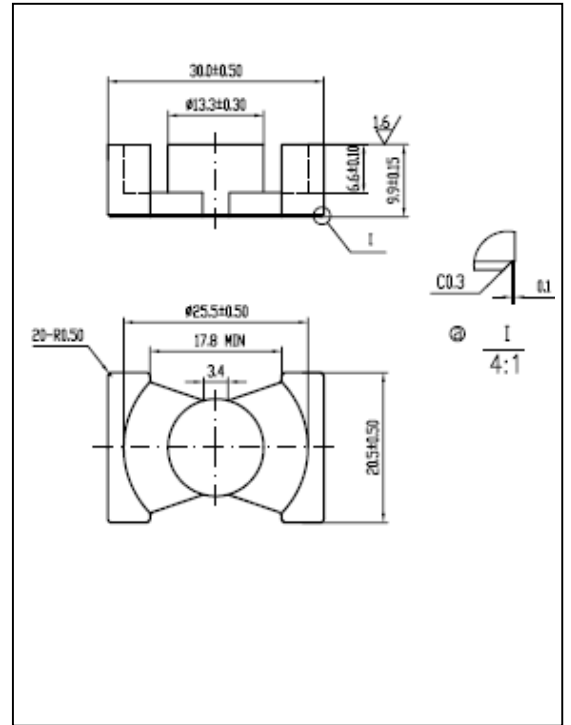
注：表面环氧树脂喷涂
图中阴影部分为喷涂部位

						 软磁事业部			
									PQ28/18A 磁芯
标记	处数	分区	更改文件号	签名	年月日	阶段标记		重量	比例
设计			10.11.26	标准化					2:1
CAD				批准					
审核				REV	A	共 页		第 页	
工艺									DM7.780.51682

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (l/A)$	core factor (C_1)	0.41	mm^{-1}
V_e	effective volume	6583.20	mm^3
l_e	effective length	52.00	mm
A_e	effective area	126.60	mm^2
A_{\min}	minimum area	120.00	mm^2
W_t	mass of core set	≈ 36.5	g



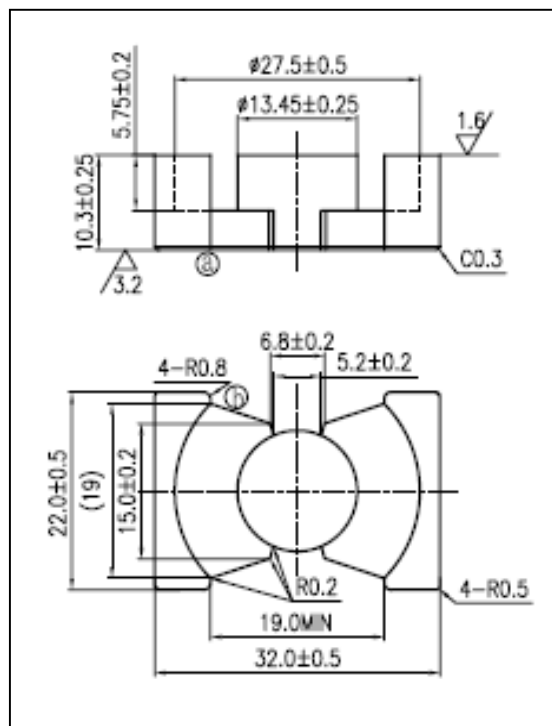
Characteristic

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	$5800 \pm 25\%$	≥ 315	≤ 5.11
DMR44	$5800 \pm 25\%$	≥ 315	≤ 4.38
DMR90	$4700 \pm 25\%$	≥ 325	≤ 4.75
DMR95	$6200 \pm 25\%$	≥ 315	≤ 3.62

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.31	mm^{-1}
V_e	effective volume	7678.3	mm^3
l_e	effective length	49.0	mm
A_e	effective area	156.7	mm^2
A_{min}	minimum area	142.0	mm^2
W_t	mass of core set	≈ 42	g



Characteristic

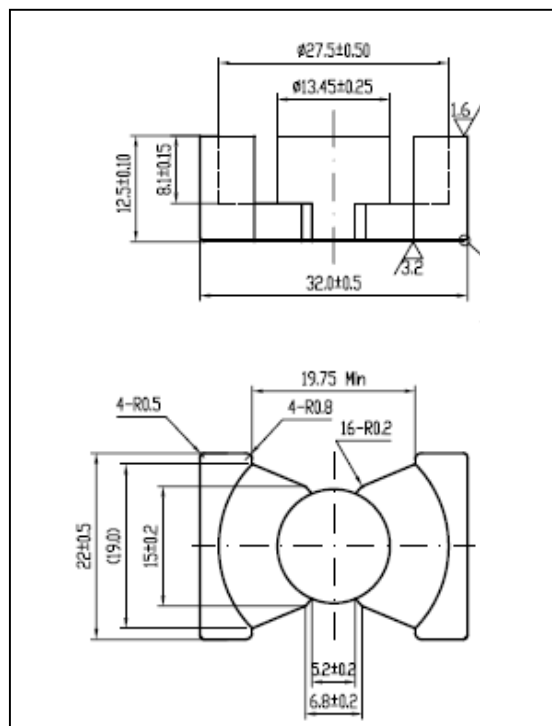
GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$	
DMR24	$5500 \pm 25\%$	≥ 325	≤ 5.88	
DMR40	$6700 \pm 25\%$	≥ 315	≤ 5.88	
DMR44	$6700 \pm 25\%$	≥ 315	≤ 5.04	
DMR47	$6800 \pm 25\%$	≥ 325	≤ 3.69	
DMR90	$5700 \pm 25\%$	≥ 325	≤ 4.46	
DMR95	$7500 \pm 25\%$	≥ 315	≤ 4.23	

GRADE	$AL (\text{nH}/\text{N}^2)$	$B (\text{mT})$	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=500\text{kHz}$ $B=50\text{mT}$ $T=100^\circ\text{C}$	$f=3\text{MHz}$ $B=10\text{mT}$ $T=100^\circ\text{C}$
DMR55	$5200 \pm 25\%$	≥ 300	≤ 2.46	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.38	mm^{-1}
V_e	effective volume	8956.4	mm^3
l_e	effective length	58.5	mm
A_e	effective area	153.1	mm^2
A_{\min}	minimum area	143.0	mm^2
W_t	mass of core set	≈ 50.0	g



Characteristic

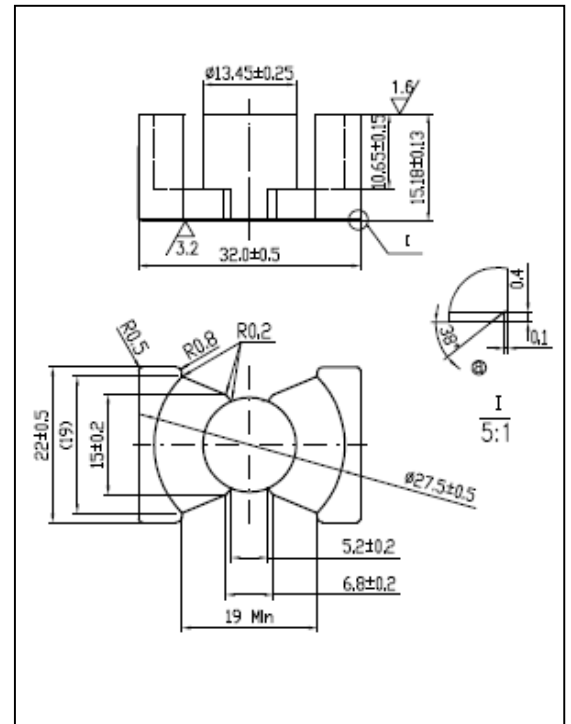
GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)	
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100°C	f=100kHz B=200mT T=100°C	
DMR40	$5400 \pm 25\%$	≥ 315	≤ 7.0	
DMR44	$5400 \pm 25\%$	≥ 315	≤ 6.0	
DMR47	$5500 \pm 25\%$	≥ 325	≤ 4.75	
DMR95	$6500 \pm 25\%$	≥ 315	≤ 5.38	

GRADE	AL (nH/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
DMR55	$4700 \pm 25\%$	≥ 300	≤ 2.87	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.44	mm^{-1}
V_e	effective volume	10644.9	mm^3
l_e	effective length	68.5	mm
A_e	effective area	155.4	mm^2
A_{\min}	minimum area	143.0	mm^2
W_t	mass of core set	≈ 56.0	g



Characteristic

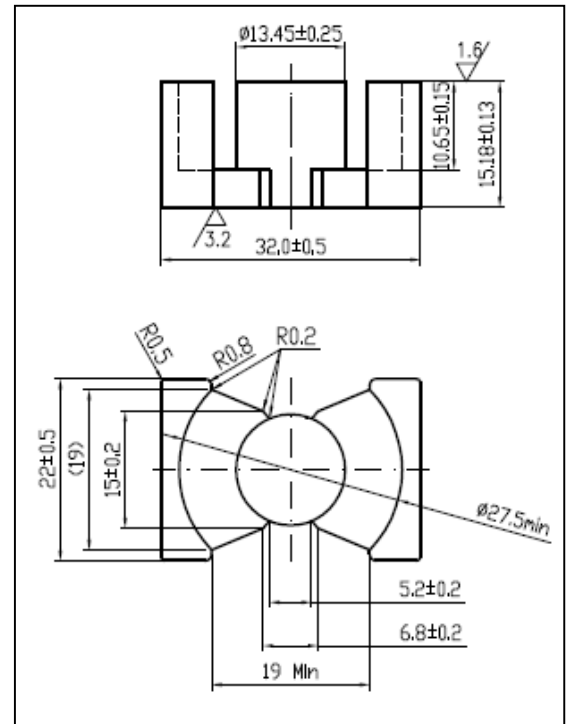
GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)	
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$	
DMR24	$4500 \pm 25\%$	≥ 325	≤ 7.84	
DMR40	$5000 \pm 25\%$	≥ 315	≤ 7.84	
DMR44	$5000 \pm 25\%$	≥ 315	≤ 6.72	
DMR47	$5000 \pm 25\%$	≥ 325	≤ 5.32	
DMR90	$4500 \pm 25\%$	≥ 325	≤ 5.33	
DMR95	$5500 \pm 25\%$	≥ 315	≤ 5.86	

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	$4500 \pm 25\%$	≥ 300	≤ 3.41	—

CORE SETS

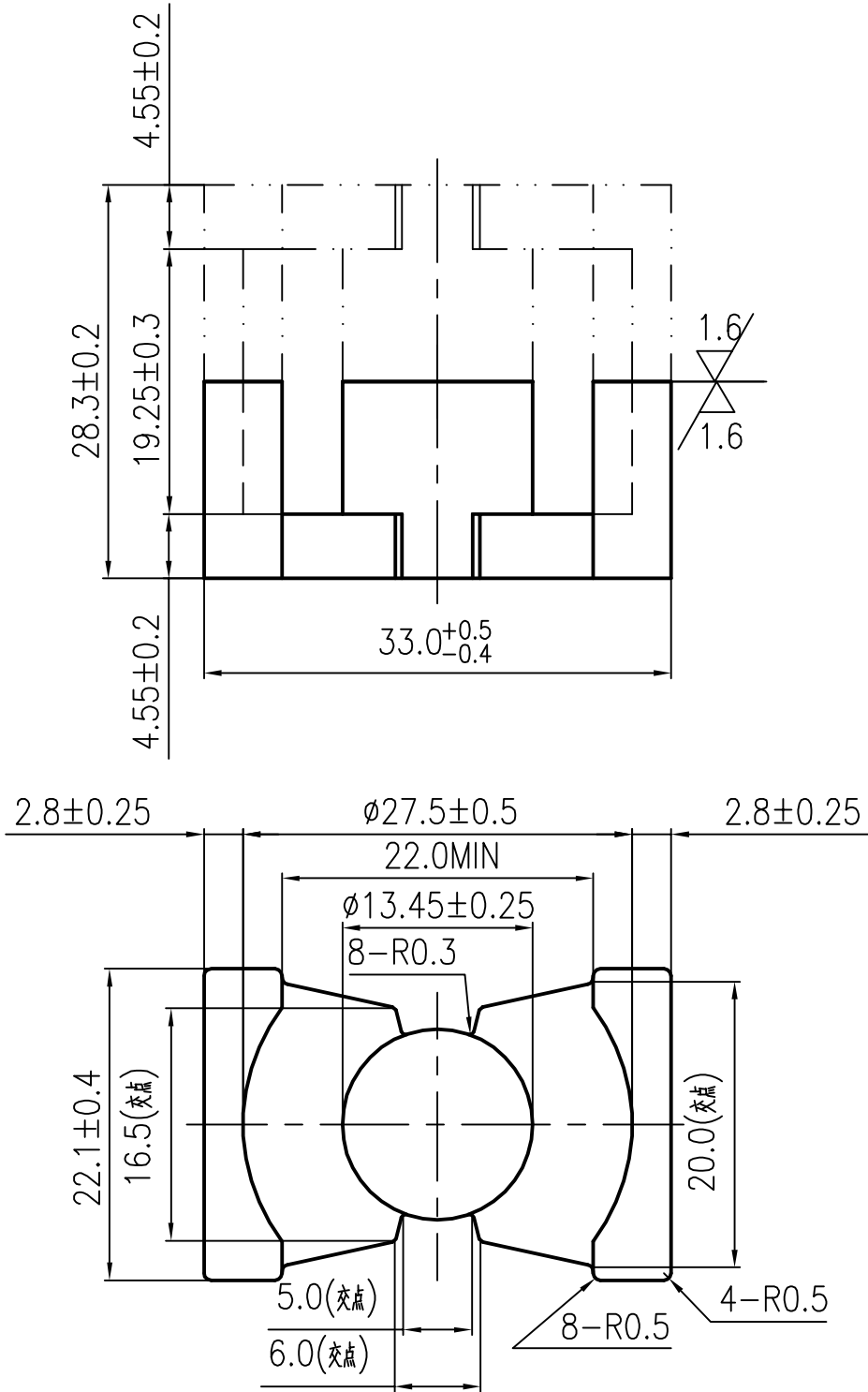
Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.44	mm^{-1}
V_e	effective volume	10644.9	mm^3
l_e	effective length	68.5	mm
A_e	effective area	155.4	mm^2
A_{\min}	minimum area	142.1	mm^2
W_t	mass of core set	≈ 56.4	g



Characteristic

GRADE	AL (nH/N^2)	B (mT)	CORE LOSS (W)
	$f=10\text{kHz}$ $U=0.25\text{V}$	$H=250\text{A/m}$ $f=25\text{kHz}$ $T=100^\circ\text{C}$	$f=100\text{kHz}$ $B=200\text{mT}$ $T=100^\circ\text{C}$
DMR40	$5000 \pm 25\%$	≥ 315	≤ 7.90
DMR44	$5000 \pm 25\%$	≥ 315	≤ 6.77
DMR47	$5000 \pm 25\%$	≥ 325	≤ 5.36
DMR95	$6200 \pm 25\%$	≥ 315	≤ 6.60



标记	处数	分区	更改文件号	签名	年月日	阶段标记	重量	比例
设计			08.03.18	标准化				2:1
CAD								
审核				批准				
工艺				REV	A	共	页	第
						页		



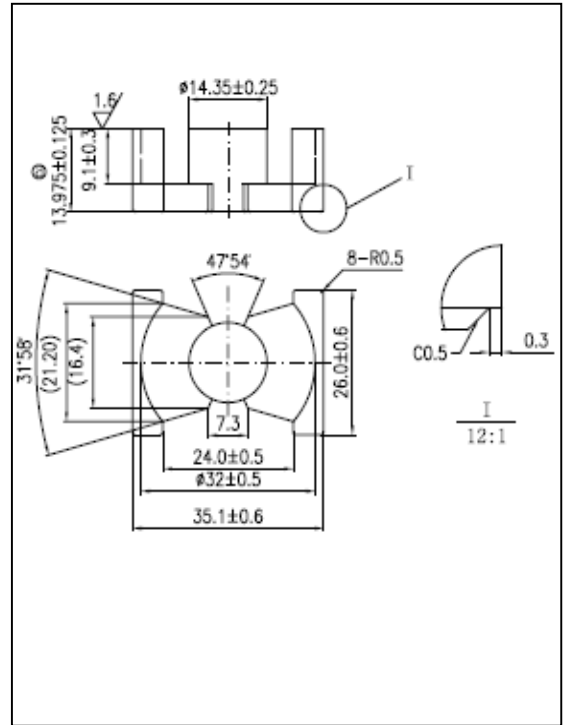
PQ33/28
磁芯

DM7.780.22684

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.38	mm^{-1}
V_e	effective volume	11416.3	mm^3
l_e	effective length	65.8	mm
A_e	effective area	173.5	mm^2
A_{\min}	minimum area	164.7	mm^2
W_t	mass of core set	≈ 61.2	g



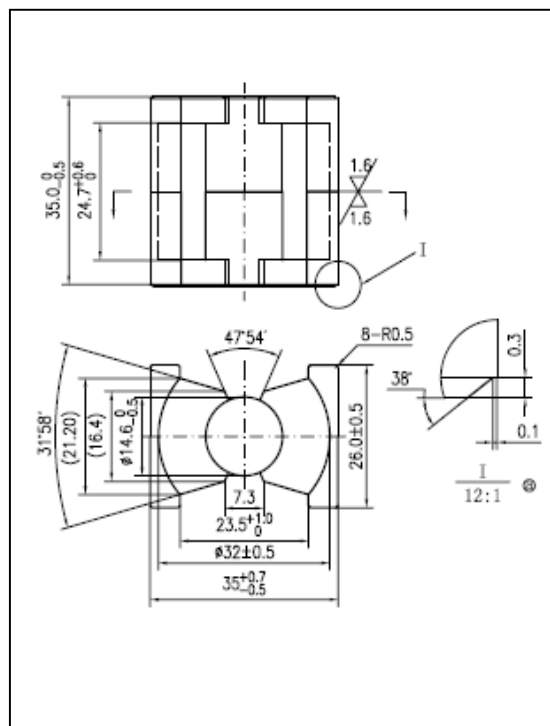
Characteristic

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	$5500 \pm 25\%$	≥ 315	≤ 8.57
DMR44	$5500 \pm 25\%$	≥ 315	≤ 7.35
DMR95	$6500 \pm 25\%$	≥ 315	≤ 7.05

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.47	mm^{-1}
V_e	effective volume	13776.0	mm^3
l_e	effective length	80.0	mm
A_e	effective area	172.2	mm^2
A_{\min}	minimum area	164.7	mm^2
W_t	mass of core set	≈ 73	g



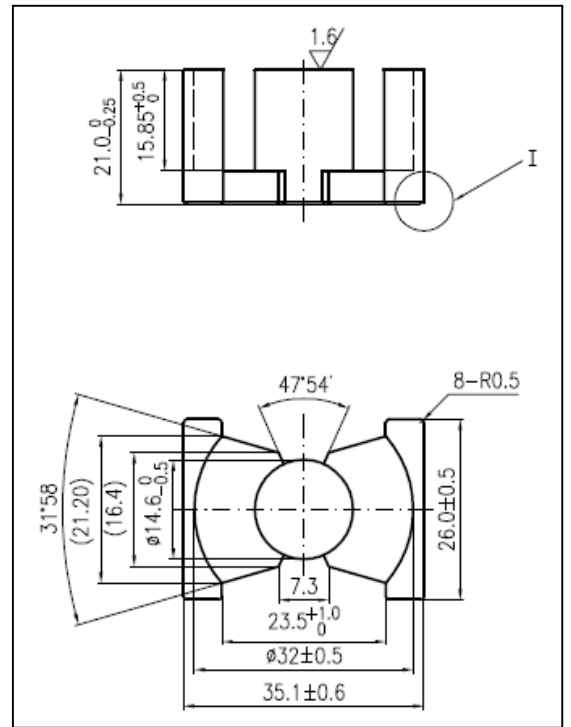
Characteristic

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	$4860 \pm 25\%$	≥ 315	≤ 10.22
DMR44	$4860 \pm 25\%$	≥ 315	≤ 8.76
DMR95	$6000 \pm 25\%$	≥ 315	≤ 8.03

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.55	mm^{-1}
V_e	effective volume	16087.6	mm^3
l_e	effective length	94.3	mm
A_e	effective area	170.6	mm^2
A_{\min}	minimum area	164.7	mm^2
W_t	mass of core set	≈ 75.0	g



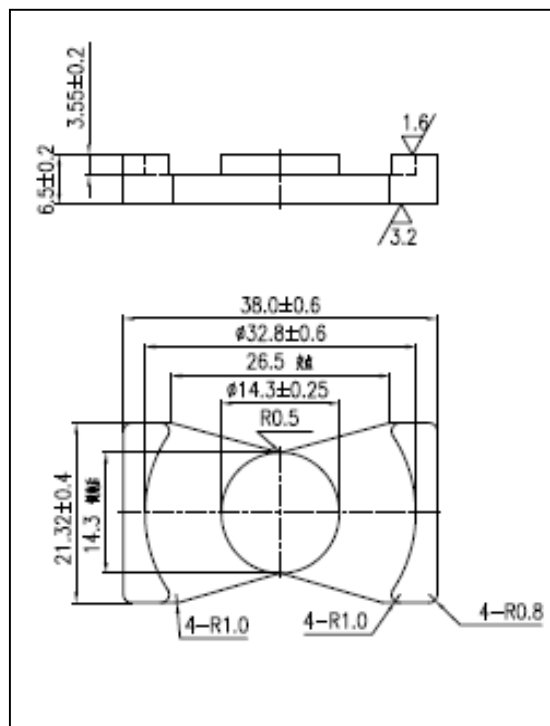
Characteristic

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	4000 \pm 25%	≥ 315	≤ 10.05
DMR44	4000 \pm 25%	≥ 315	≤ 9.00
DMR47	4200 \pm 25%	≥ 325	≤ 7.13
DMR95	5000 \pm 25%	≥ 315	≤ 7.58

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.38	mm^{-1}
V_e	effective volume	5423.6	mm^3
l_e	effective length	45.5	mm
A_e	effective area	119.2	mm^2
A_{\min}	minimum area	127.9	mm^2
W_t	mass of core set	≈ 28.2	g



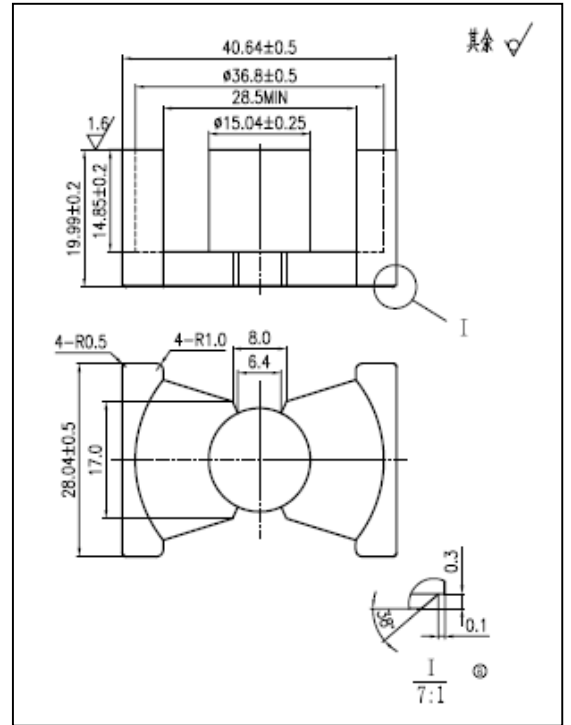
Characteristic

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	$5500 \pm 25\%$	≥ 315	≤ 3.95
DMR44	$5500 \pm 25\%$	≥ 315	≤ 3.38
DMR95	$8800 \pm 25\%$	≥ 315	≤ 3.25

CORE SETS


Effective core parameters

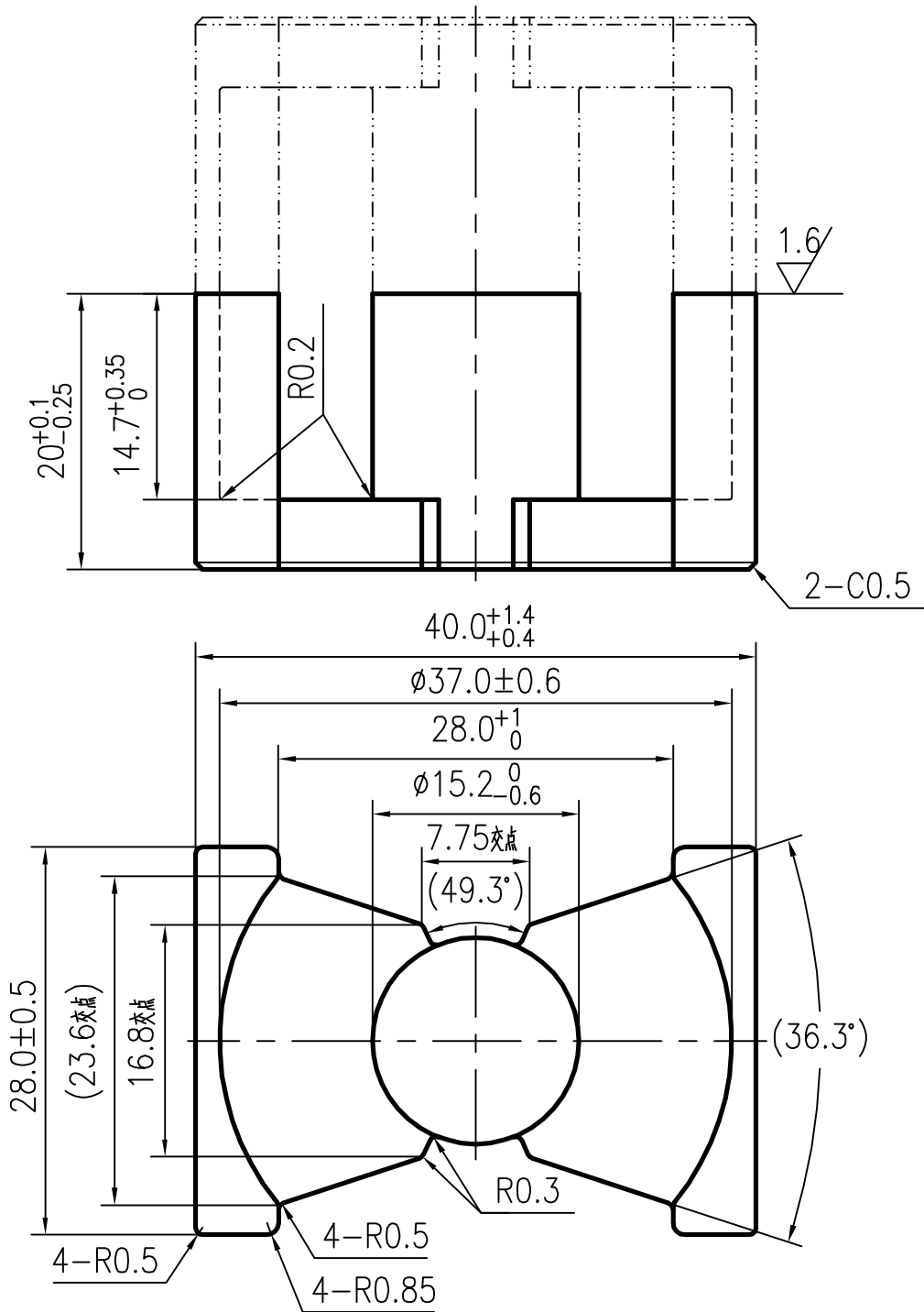
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.45	mm^{-1}
V_e	effective volume	19698.0	mm^3
l_e	effective length	93.8	mm
A_e	effective area	210.0	mm^2
A_{min}	minimum area	177.7	mm^2
W_t	mass of core set	≈ 100	g



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	4500 ± 25%	≥ 315	≤ 14.0
DMR44	4500 ± 25%	≥ 315	≤ 12.0
DMR47	4700 ± 25%	≥ 325	≤ 9.85
DMR95	6000 ± 25%	≥ 315	≤ 10.83

其余 



标记	处数	分区	更改文件号	签名	年月日
设计			03.05.20	标准化	
CAD					
审核				批准	
工艺				REV	A

 **软磁事业部**

PQ40/40A
磁芯

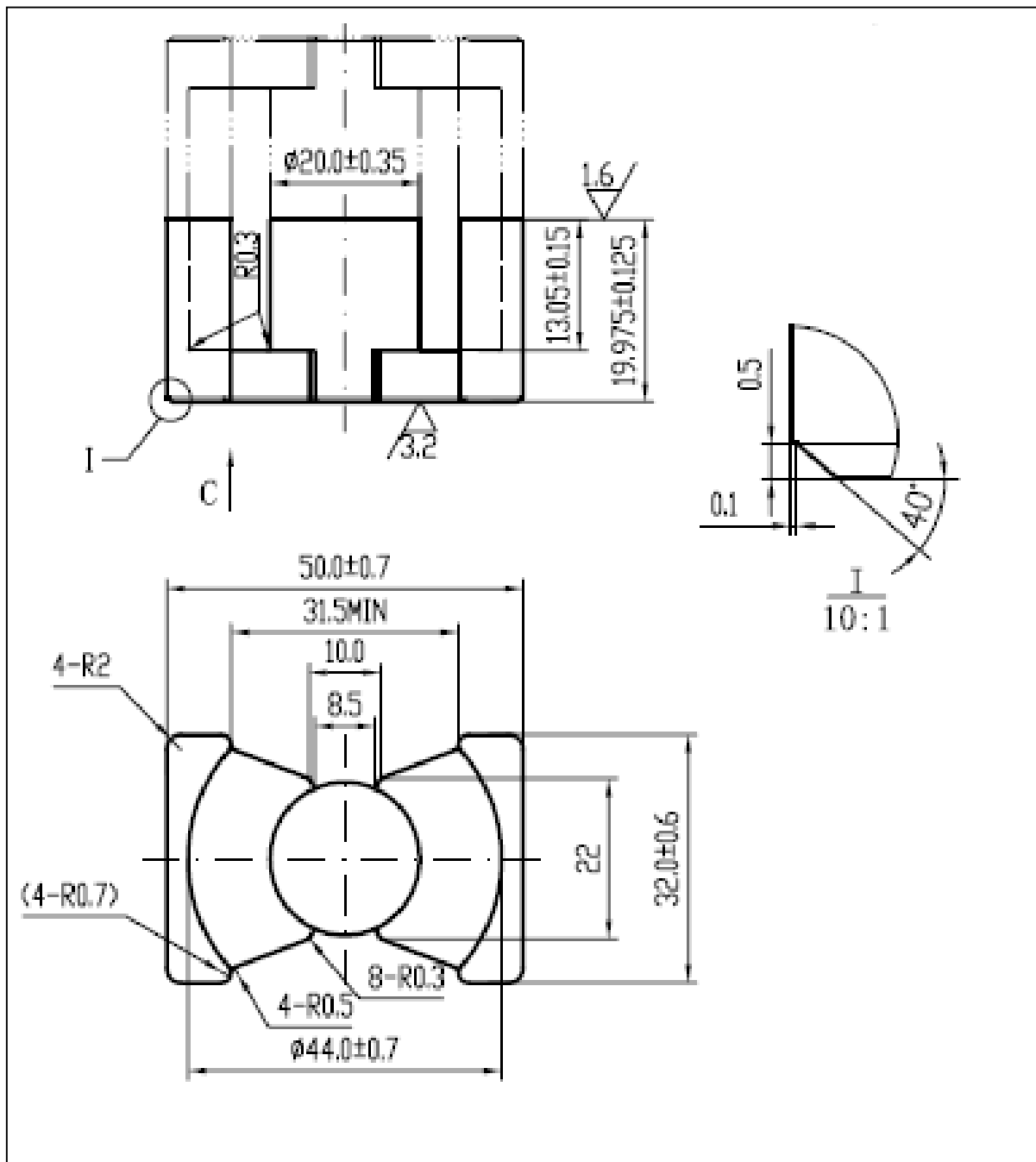
DM7.780.7792

阶段标记	重量	比例
		2:1
共 页	第 页	

CORE SETS

Effective core parameters

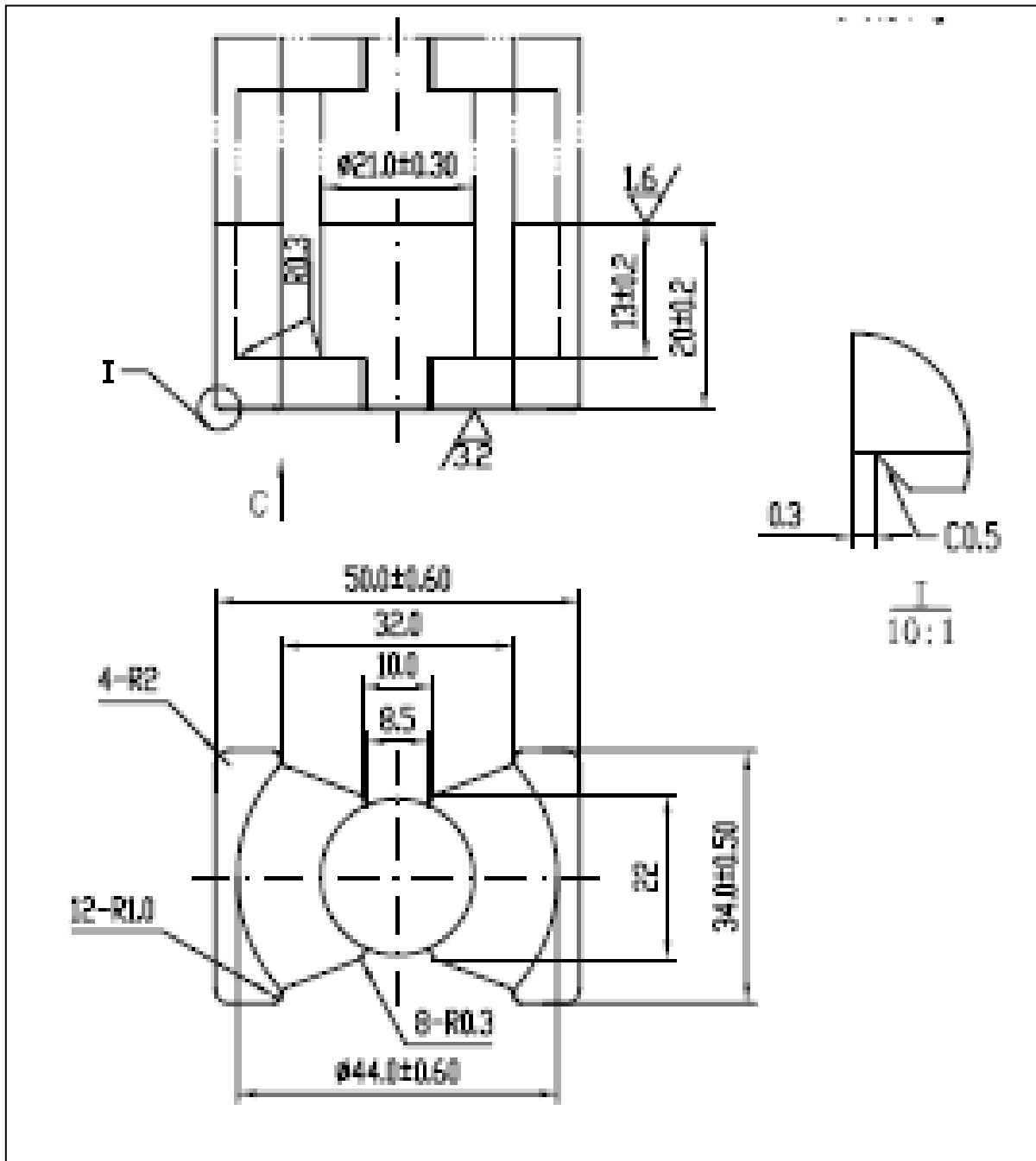
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (l/A)$	core factor (C_1)	0.276	mm^{-1}
V_e	effective volume	31775.6	mm^3
l_e	effective length	93.8	mm
A_e	effective area	338.76	mm^2
W_t	mass of core set	≈ 177.8	g



CORE SETS

Effective core parameters

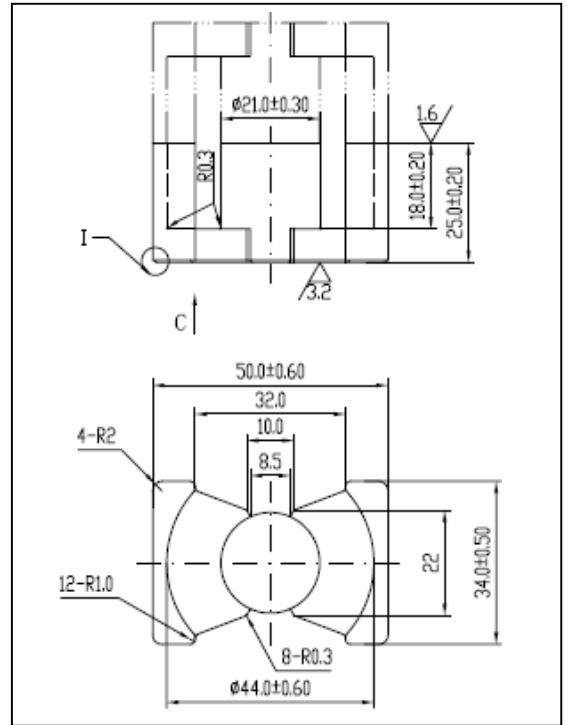
SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (l/A)$	core factor (C_1)	0.25	mm^{-1}
V_e	effective volume	34215	mm^3
l_e	effective length	93.54	mm
A_e	effective area	365.78	mm^2
W_t	mass of core set	194.3	g



CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.31	mm^{-1}
V_e	effective volume	41291.3	mm^3
l_e	effective length	113.5	mm
A_e	effective area	363.8	mm^2
A_{\min}	minimum area	346.4	mm^2
W_t	mass of core set	≈ 216	g



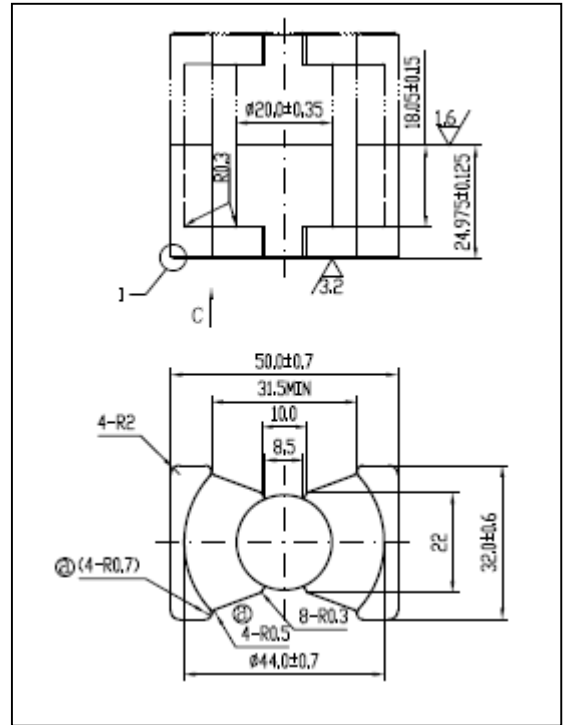
Characteristic

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	$6600 \pm 25\%$	≥ 315	≤ 14.0
DMR44	$6600 \pm 25\%$	≥ 315	≤ 12.0
DMR95	$8500 \pm 25\%$	≥ 315	≤ 10.83

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
$\Sigma (1/A)$	core factor (C_1)	0.34	mm^{-1}
V_e	effective volume	37975.06	mm^3
l_e	effective length	113.80	mm
A_e	effective area	333.70	mm^2
A_{\min}	minimum area	314.16	mm^2
W_t	mass of core set	≈ 195.7	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	6600 ± 25%	≥ 315	≤ 27.3
DMR44	6600 ± 25%	≥ 315	≤ 23.48
DMR47	7000 ± 25%	≥ 325	≤ 19.57
DMR95	8000 ± 25%	≥ 315	≤ 20.89