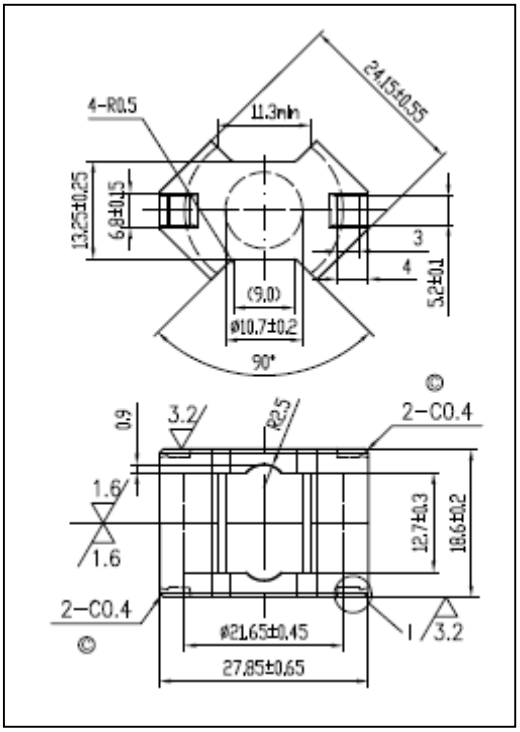
CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.45	mm^{-1}
Ve	effective volume	4312.0	mm^3
le	effective length	44.0	mm
Ae	effective area	98.0	mm^2
Amin	minimum area	89.1	mm^2
Wt	mass of core set	≈23	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	4500±25%	≥315	≤3.22
DMR44	4500±25%	≥315	≤2.76
DMR47	4600±25%	≥325	≤2.41
DMR90	4500±25%	≥325	≤2.50
DMR95	5200±25%	≥315	≤2.41

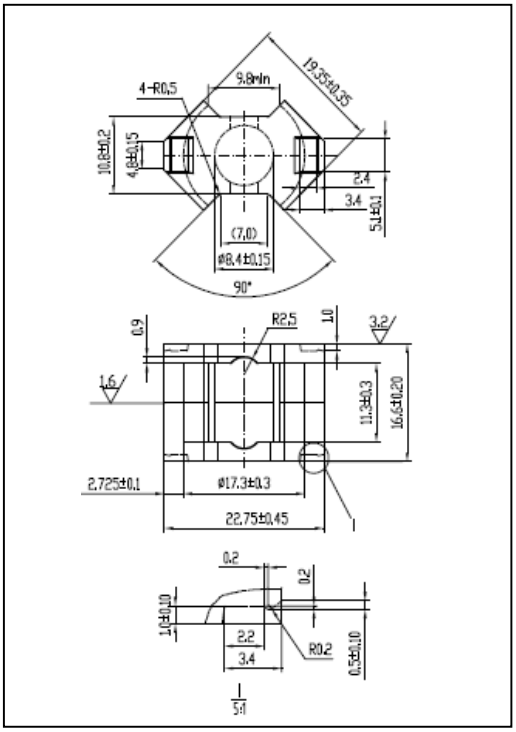
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR55	4050±25%	≥315	≤1.43

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R5K	7600±25%	≈5000
R7K	9800±25%	≈7000
R10K	16800±25%	≈10000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.62	mm^{-1}
Ve	effective volume	2449.20	mm^3
le	effective length	39.00	mm
Ae	effective area	62.80	mm^2
Amin	minimum area	55.40	mm^2
Wt	mass of core set	≈12.2	g



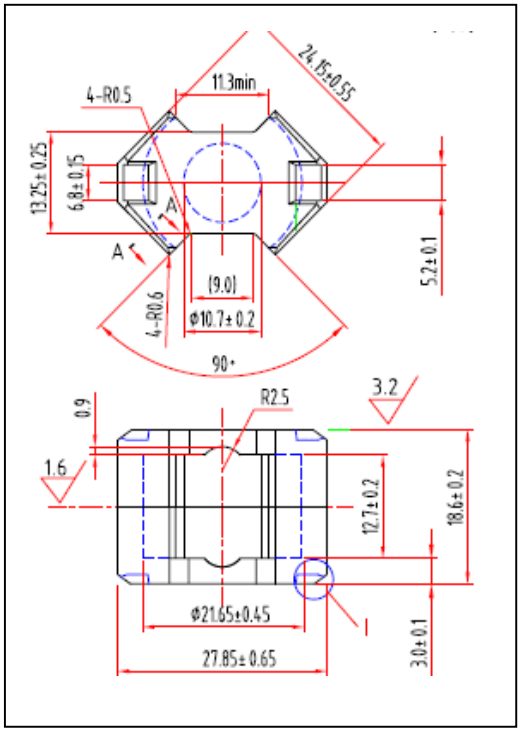
Characteristice

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	3000±25%	≥315	≤1.71
DMR44	3000±25%	≥315	≤1.47
DMR47	3100±25%	≥325	≤1.28
DMR95	4000±25%	≥315	≤1.34

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.45	mm^{-1}
Ve	effective volume	4312.0	mm^3
le	effective length	44.0	mm
Ae	effective area	98.0	mm^2
Amin	minimum area	89.9	mm^2
Wt	mass of core set	≈23.0	g



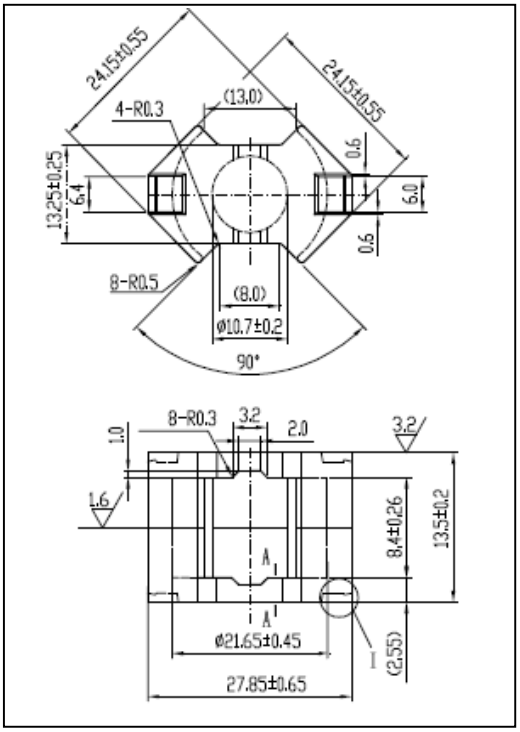
Characteristice

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	4200±25%	≥315	≤3.22
DMR44	4200±25%	≥315	≤2.76
DMR47	4300±25%	≥325	≤2.41
DMR95	5200±25%	≥315	≤2.41

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.42	mm^{-1}
Ve	effective volume	3307.1	mm^3
le	effective length	37.2	mm
Ae	effective area	88.9	mm^2
Amin	minimum area	88.9	mm^2
Wt	mass of core set	≈16.85	g



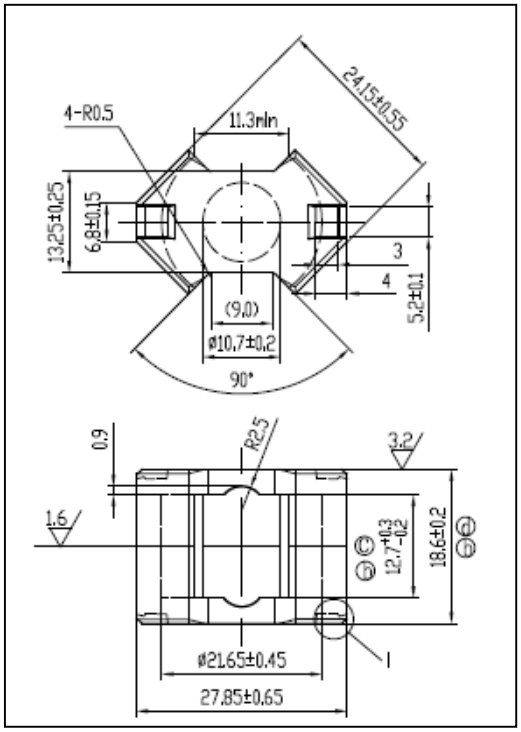
Characteristice

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	4800±25%	≥315	≤2.36
DMR44	4800±25%	≥315	≤2.03

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.45	mm^{-1}
Ve	effective volume	4312.0	mm^3
le	effective length	44.0	mm
Ae	effective area	98.0	mm^2
Amin	minimum area	89.9	mm^2
Wt	mass of core set	≈23.0	g



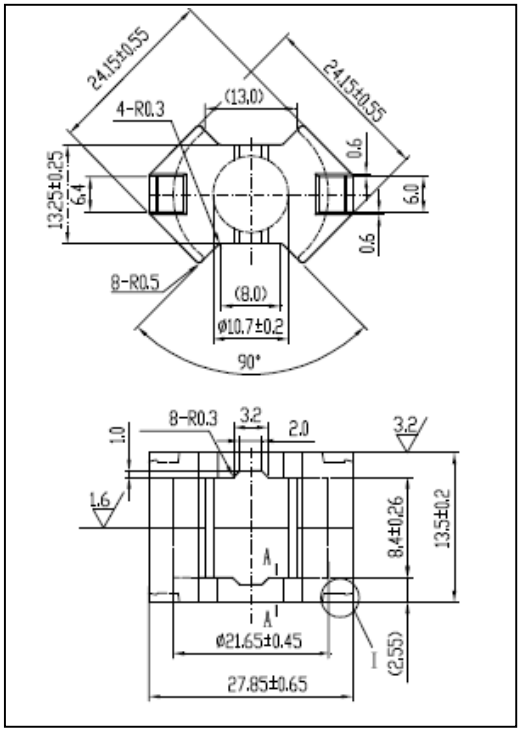
Characteristice

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	4500±25%	≥315	≤3.22
DMR44	4500±25%	≥315	≤2.76
DMR47	4500±25%	≥325	≤2.42

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.46	mm^{-1}
Ve	effective volume	4419.0	mm^3
le	effective length	45.0	mm
Ae	effective area	98.2	mm^2
Amin	minimum area	89.9	mm^2
Wt	mass of core set	≈23.0	g



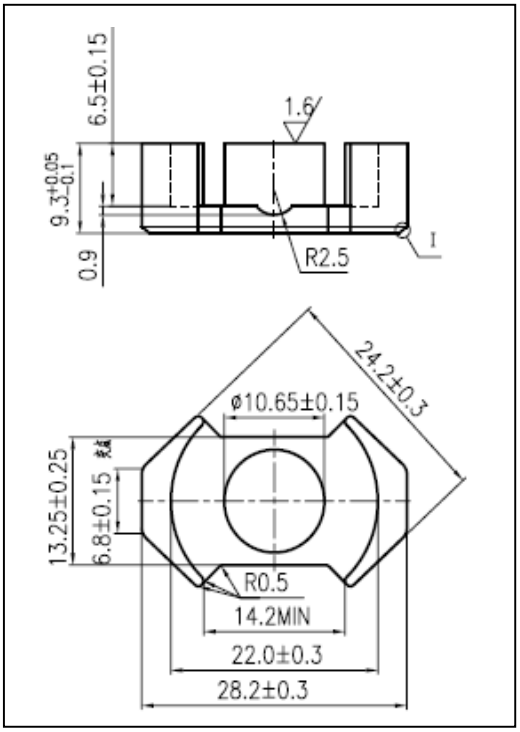
Characteristice

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	4400±25%	≥315	≤2.36
DMR44	4400±25%	≥315	≤2.03
DMR47	4500±25%	≥325	≤2.03

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.49	mm^{-1}
Ve	effective volume	3719.0	mm^3
le	effective length	42.6	mm
Ae	effective area	87.3	mm^2
Amin	minimum area	87.3	mm^2
Wt	mass of core set	≈23.0	g



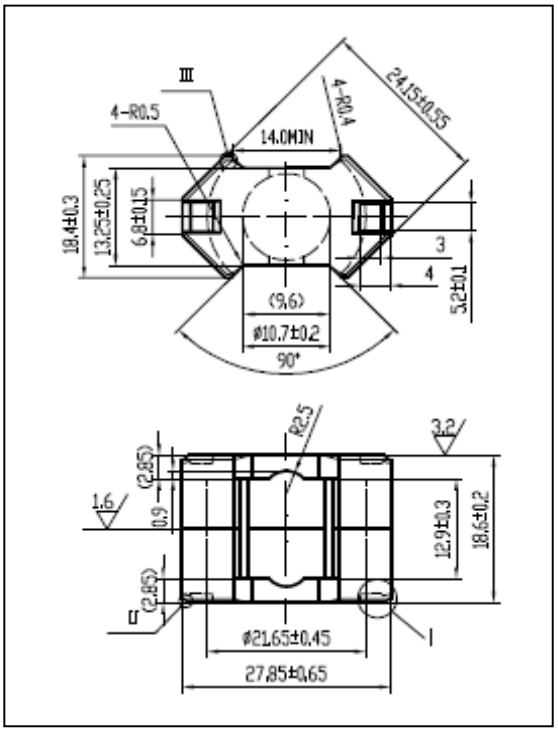
Characteristice

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	4000±25%	≥315	≤3.22
DMR44	4000±25%	≥315	≤2.76
DMR47	4100±25%	≥325	≤2.42
DMR95	5200±25%	≥315	≤2.23

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.47	mm^{-1}
Ve	effective volume	4398.63	mm^3
le	effective length	45.30	mm
Ae	effective area	97.10	mm^2
Amin	minimum area	89.10	mm^2
Wt	mass of core set	≈23.3	g



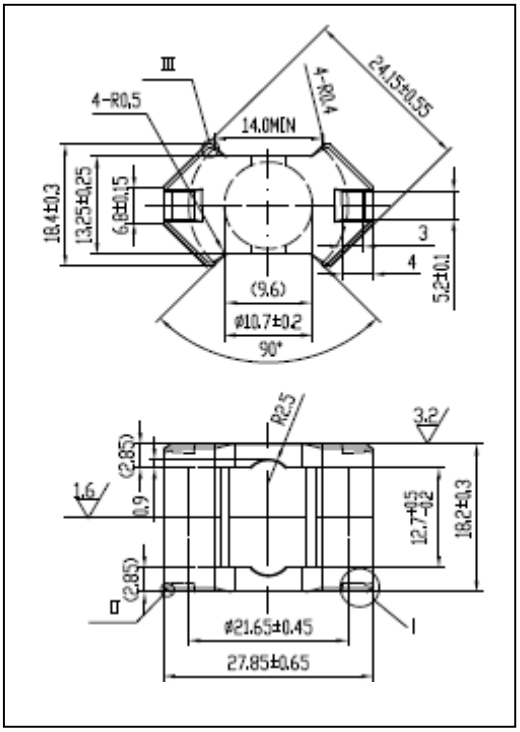
Characteristice

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	4000±25%	≥315	≤3.27
DMR44	4000±25%	≥315	≤2.80
DMR95	4690±25%	≥315	≤2.42

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.50	mm^{-1}
Ve	effective volume	4135.9	mm^3
le	effective length	45.6	mm
Ae	effective area	90.7	mm^2
Amin	minimum area	89.9	mm^2
Wt	mass of core set	≈21.3	g



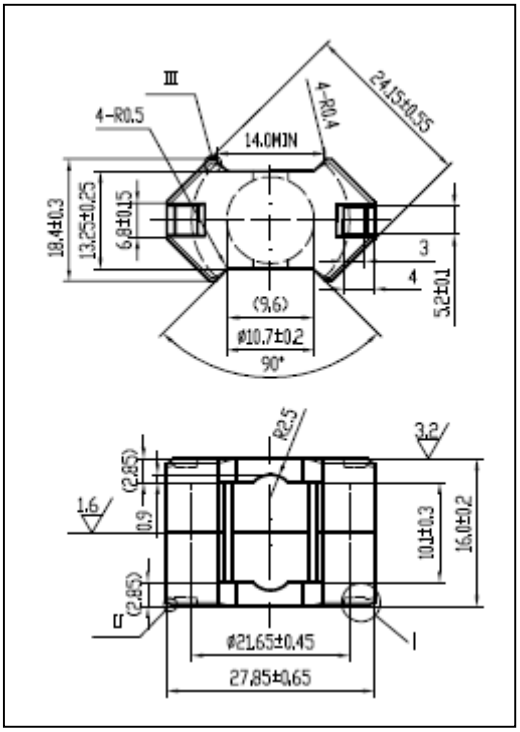
Characteristice

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	4500±25%	≥315	≤2.98
DMR44	4500±25%	≥315	≤2.56

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.40	mm^{-1}
Ve	effective volume	3526.9	mm^3
le	effective length	37.6	mm
Ae	effective area	93.8	mm^2
Amin	minimum area	89.9	mm^2
Wt	mass of core set	≈19.0	g



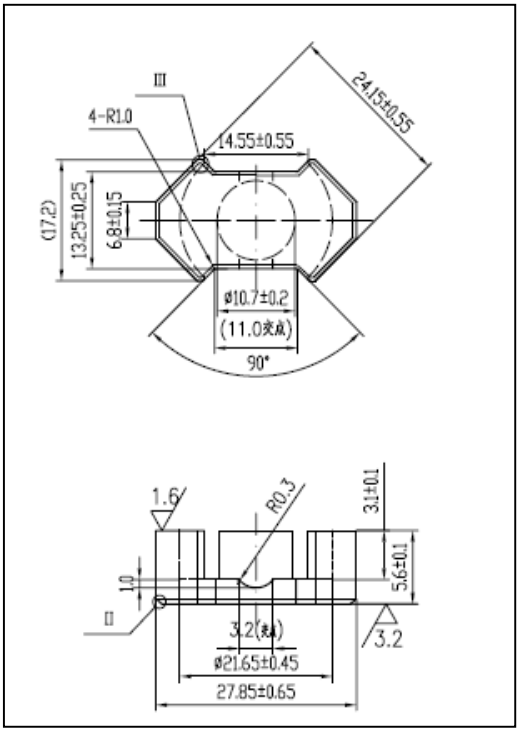
Characteristice

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	4000±25%	≥315	≤2.66
DMR44	4000±25%	≥315	≤2.28

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.37	mm^{-1}
Ve	effective volume	2767.0	mm^3
le	effective length	32.1	mm
Ae	effective area	86.2	mm^2
Amin	minimum area	84.4	mm^2
Wt	mass of core set	≈14.6	g



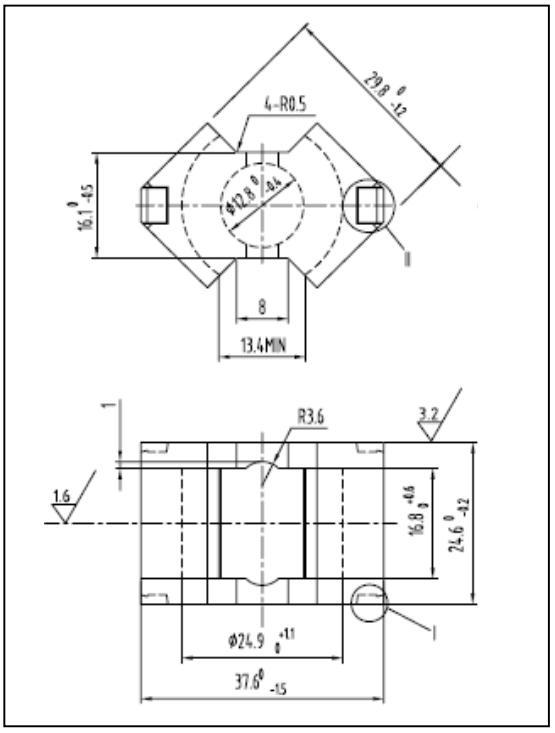
Characteristice

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	4800±25%	≥315	≤2.05
DMR44	4800±25%	≥315	≤1.75
DMR47	4900±25%	≥325	≤1.54
DMR95	6000±25%	≥315	≤1.52

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.39	mm^{-1}
Ve	effective volume	8322.0	mm^3
le	effective length	57.0	mm
Ae	effective area	146.0	mm^2
Amin	minimum area	125.0	mm^2
Wt	mass of core set	≈47.7	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℃
DMR24	5000±25%	≥325	≤6.68
DMR40	5200±25%	≥315	≤6.68
DMR44	5200±25%	≥315	≤5.72
DMR47	5400±25%	≥325	≤4.77
DMR90	5000±25%	≥325	≤4.83
DMR95	6800±25%	≥315	≤4.58

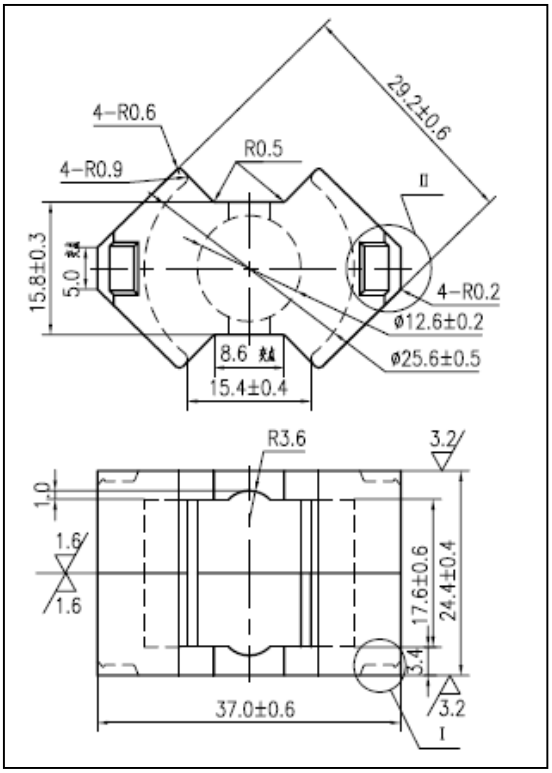
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR50	3500±25%	≥300	≤1.50
DMR55	5000±25%	≥300	≤2.67

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R7K	≥7500	≈7000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.39	mm^{-1}
Ve	effective volume	7355.40	mm^3
le	effective length	53.30	mm
Ae	effective area	138.00	mm^2
Amin	minimum area	124.69	mm^2
Wt	mass of core set	≈44.5	g



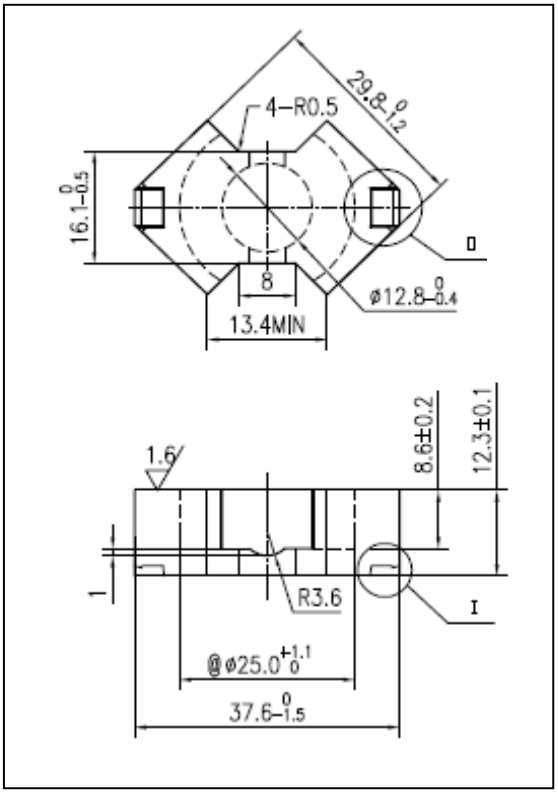
Characteristice

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	5200±25%	≥315	≤6.23
DMR44	5200±25%	≥315	≤5.34
DMR47	5200±25%	≥325	≤4.67

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.39	mm^{-1}
Ve	effective volume	7355.40	mm^3
le	effective length	53.30	mm
Ae	effective area	138.00	mm^2
Amin	minimum area	124.69	mm^2
Wt	mass of core set	≈44.5	g



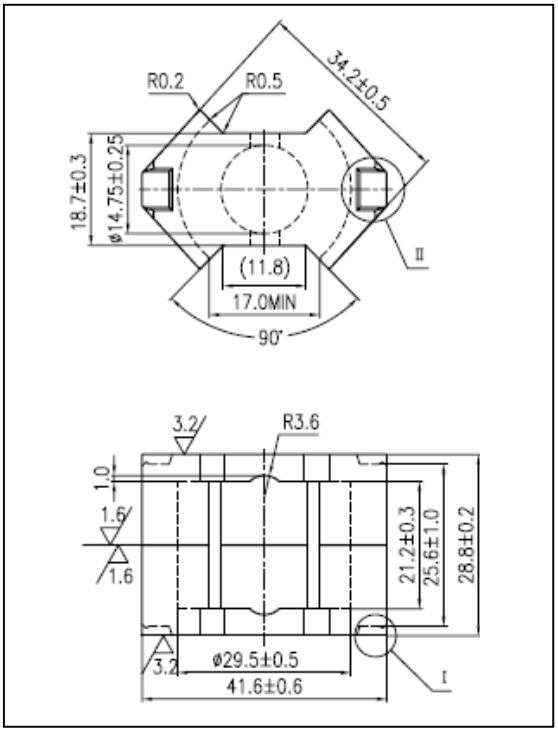
Characteristice

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	5200±25%	≥315	≤6.23
DMR44	5200±25%	≥315	≤5.34
DMR47	5200±25%	≥325	≤4.67

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.37	mm^{-1}
Ve	effective volume	12972.0	mm^3
le	effective length	69.0	mm
Ae	effective area	188.0	mm^2
Amin	minimum area	168.0	mm^2
Wt	mass of core set	≈69	g



Characteristice

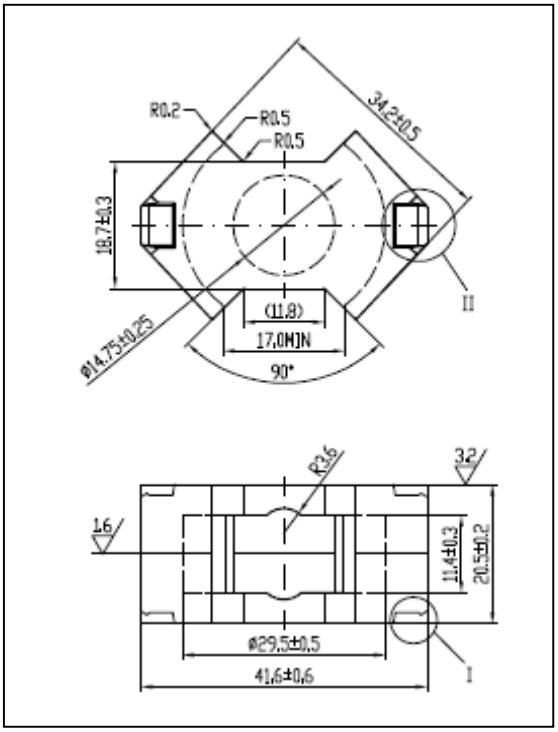
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	6000±25%	≥315	≤9.66
DMR44	6000±25%	≥315	≤8.28
DMR47	6100±25%	≥325	≤6.49
DMR95	7000±25%	≥315	≤7.14

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℃	f=3MHz B=10mT T=100℃
DMR50	4000±25%	≥300	≤3.00	—
DMR55	5000±25%	≥300	≤4.15	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.23	mm^{-1}
Ve	effective volume	9514.2	mm^3
le	effective length	47.1	mm
Ae	effective area	202.0	mm^2
Amin	minimum area	170.9	mm^2
Wt	mass of core set	≈52.7	g



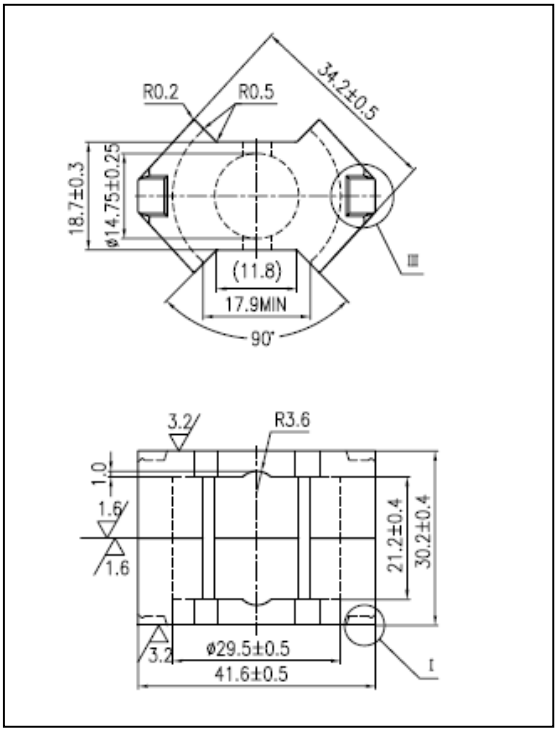
Characteristice

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	8400±25%	≥315	≤7.38
DMR44	8400±25%	≥315	≤6.32
DMR95	9000±25%	≥315	≤6.18

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.34	mm^{-1}
Ve	effective volume	13400.0	mm^3
le	effective length	67.0	mm
Ae	effective area	200.0	mm^2
Amin	minimum area	170.9	mm^2
Wt	mass of core set	≈72.0	g



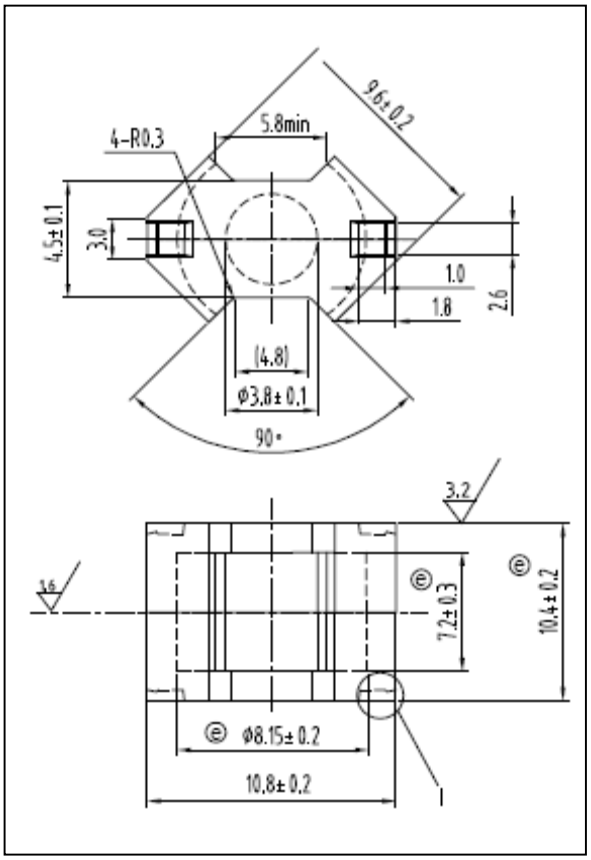
Characteristice

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	5500±25%	≥315	≤10.08
DMR44	5500±25%	≥315	≤8.64
DMR95	7000±25%	≥315	≤7.37

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	1.70	mm^{-1}
Ve	effective volume	286.00	mm^3
le	effective length	22.00	mm
Ae	effective area	13.00	mm^2
Amin	minimum area	11.50	mm^2
Wt	mass of core set	≈1.7	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	1000±25%	≥315	≤0.24
DMR44	1000±25%	≥315	≤0.21
DMR47	1070±25%	≥325	≤0.19
DMR90	950±25%	≥325	≤0.22
DMR95	1300±25%	≥315	≤0.21

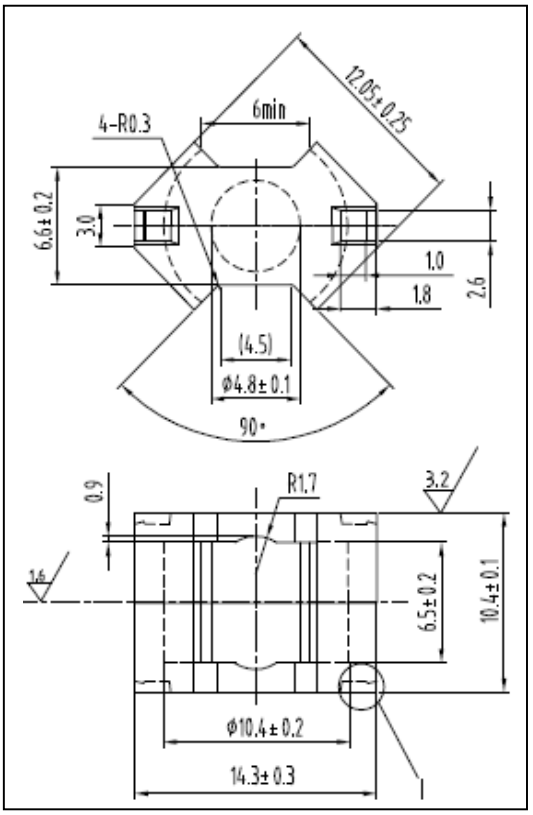
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR55	900±25%	≥300	≤0.10

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
DMR70	1000±25%	≈2300
R7K	2950±25%	≈7000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.93	mm^{-1}
Ve	effective volume	525.98	mm^3
le	effective length	22.10	mm
Ae	effective area	23.80	mm^2
Amin	minimum area	18.10	mm^2
Wt	mass of core set	≈3.0	g



Characteristice

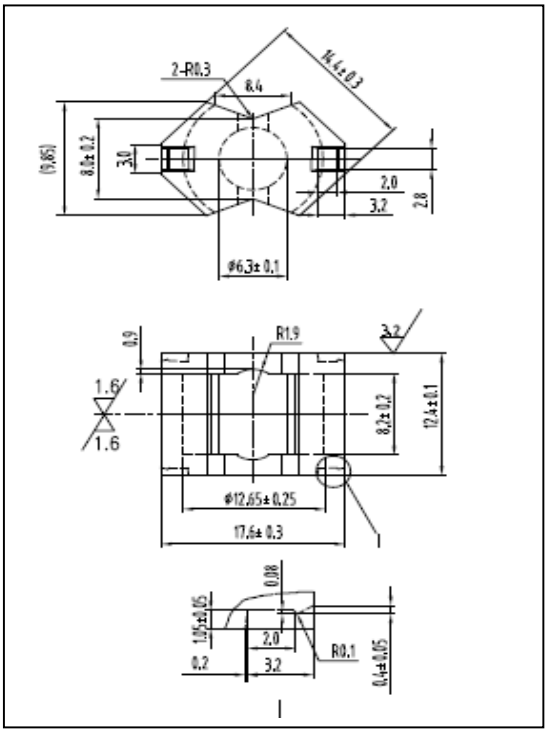
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	1800±25%	≥315	≤0.42
DMR44	1800±25%	≥315	≤0.36
DMR47	2000±25%	≥325	≤0.33
DMR95	2300±25%	≥315	≤0.36

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	2300±25%	≈4300
R5K	2700±25%	≈5000
R7K	5250±25%	≈7000
R10K	7000±30%	≈10000
R12K	≥6500 mirror	≈12000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.78	mm^{-1}
Ve	effective volume	1046.76	mm^3
le	effective length	28.60	mm
Ae	effective area	36.60	mm^2
Amin	minimum area	31.20	mm^2
Wt	mass of core set	≈5.4	g



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	2400±25%	≥315	≤0.76
DMR44	2400±25%	≥315	≤0.65
DMR47	2500±25%	≥325	≤0.57
DMR90	2200±25%	≥325	≤0.73
DMR95	2900±25%	≥315	≤0.63

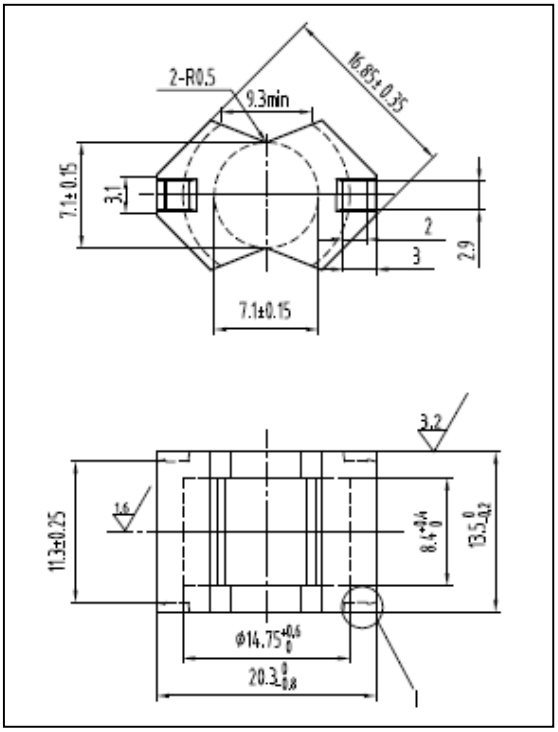
GRADE	AL(nH/N^2)	B(mT)	CORE LOSS(W)
	f=10kHz U=0.25V	H=250A/m f=25kHz T=100℃	f=500kHz B=50mT T=100℃
DMR50B	1600±25%	≥300	≤0.28
DMR55	1900±25%	≥300	≤0.34

GRADE	AL(nH/N^2)	μi
	f=10kHz U=0.25V	f=10kHz U=0.25V
R4K	4700±25%	≈4300
R5K	5000±25%	≈5000
R7K	6700±25%	≈7000
R10K	≥6700 mirror	≈10000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.70	mm^{-1}
Ve	effective volume	1307.20	mm^3
le	effective length	30.40	mm
Ae	effective area	43.00	mm^2
Amin	minimum area	39.60	mm^2
Wt	mass of core set	≈7.2	g



Characteristice

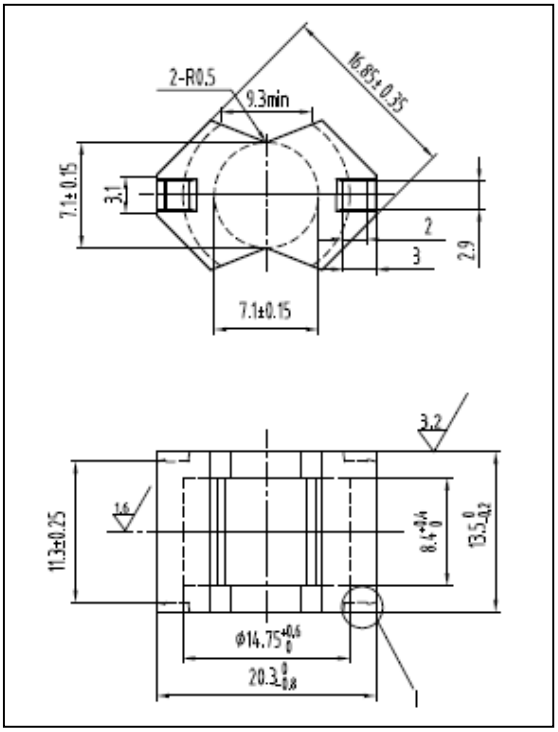
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2700±25%	≥315	≤1.01
DMR44	2700±25%	≥315	≤0.87
DMR47	2700±25%	≥325	≤0.72
DMR95	3600±25%	≥315	≤0.79

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℃	f=3MHz B=10mT T=100℃
DMR55	2500±25%	≥300	≤0.42	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.70	mm^{-1}
Ve	effective volume	1307.20	mm^3
le	effective length	30.40	mm
Ae	effective area	43.00	mm^2
Amin	minimum area	39.60	mm^2
Wt	mass of core set	≈7.2	g



Characteristice

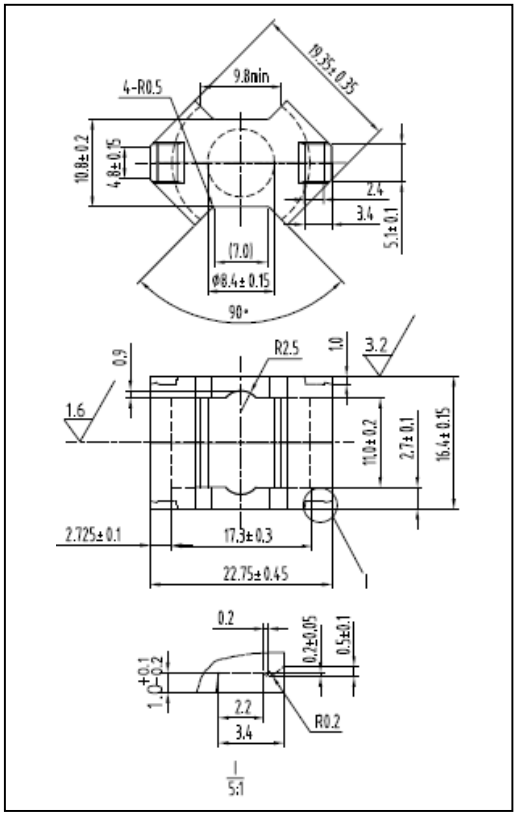
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=100kHz B=200mT T=100℃
DMR40	2700±25%	≥315	≤1.01
DMR44	2700±25%	≥315	≤0.87
DMR47	2700±25%	≥325	≤0.72
DMR95	3600±25%	≥315	≤0.79

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℃	f=3MHz B=10mT T=100℃
DMR55	2500±25%	≥300	≤0.42	—

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.59	mm^{-1}
Ve	effective volume	2432.00	mm^3
le	effective length	38.00	mm
Ae	effective area	64.00	mm^2
Amin	minimum area	55.40	mm^2
Wt	mass of core set	≈12.4	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	3000±25%	≥315	≤1.74
DMR44	3000±25%	≥315	≤1.49
DMR47	3200±25%	≥325	≤1.24
DMR90	2800±25%	≥325	≤1.65
DMR95	3800±25%	≥315	≤1.34

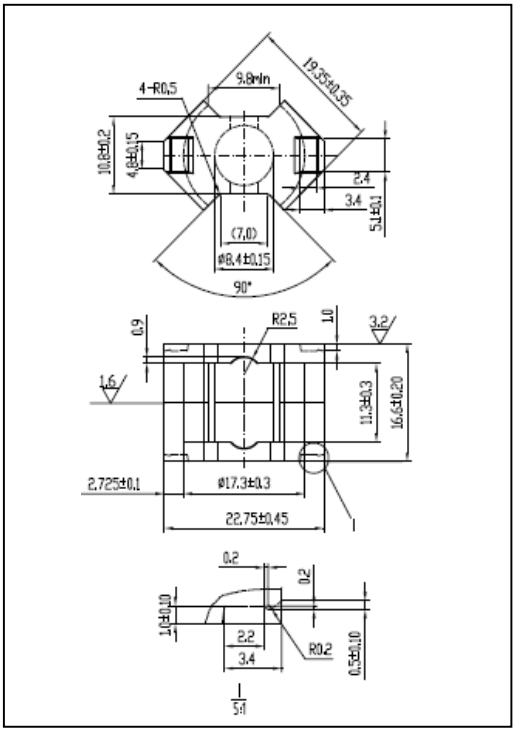
GRADE	AL(nH/N^2) f=10kHz U=0.25V	B(mT) H=250A/m f=25kHz T=100℃	CORE LOSS(W) f=500kHz B=50mT T=100℃
DMR55	2500±25%	≥300	≤0.78

GRADE	AL(nH/N^2) f=10kHz U=0.25V	μi f=10kHz U=0.25V
R4K	5700±25%	≈4300
R5K	6900±25%	≈5000
R7K	9750±25%	≈7000

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.62	mm^{-1}
Ve	effective volume	2449.20	mm^3
le	effective length	39.00	mm
Ae	effective area	62.80	mm^2
Amin	minimum area	55.40	mm^2
Wt	mass of core set	≈12.2	g



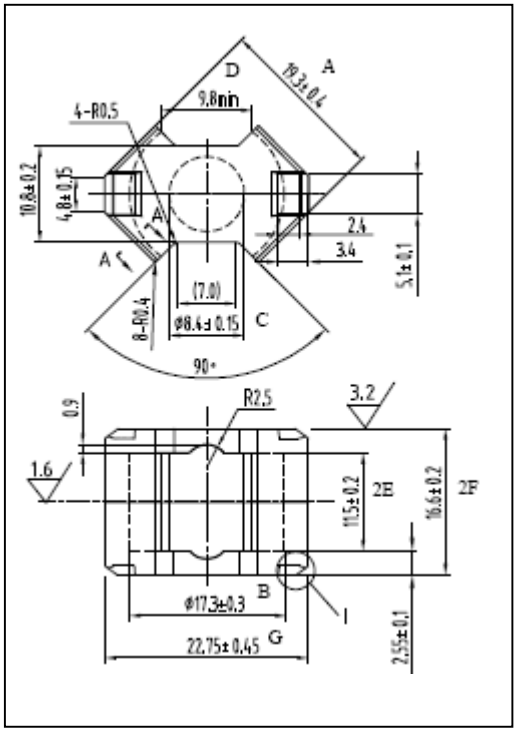
Characteristice

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	3000±25%	≥315	≤1.71
DMR44	3000±25%	≥315	≤1.47
DMR47	3100±25%	≥325	≤1.28
DMR95	4000±25%	≥315	≤1.34

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.59	mm^{-1}
Ve	effective volume	2432.00	mm^3
le	effective length	38.00	mm
Ae	effective area	64.00	mm^2
Amin	minimum area	55.41	mm^2
Wt	mass of core set	≈12.2	g



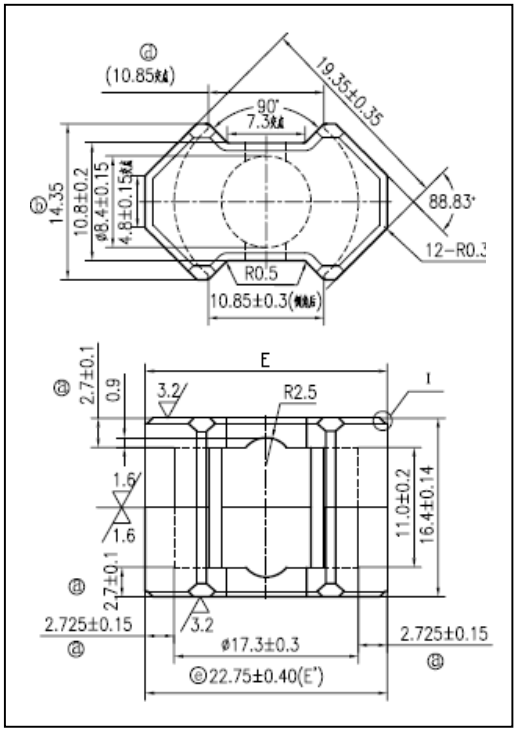
Characteristice

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	3000±25%	≥315	≤1.71
DMR44	3000±25%	≥315	≤1.47
DMR47	3100±25%	≥325	≤1.28
DMR95	4000±25%	≥315	≤1.34

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.62	mm^{-1}
Ve	effective volume	2382.26	mm^3
le	effective length	38.30	mm
Ae	effective area	62.20	mm^2
Amin	minimum area	55.42	mm^2
Wt	mass of core set	≈12.8	g



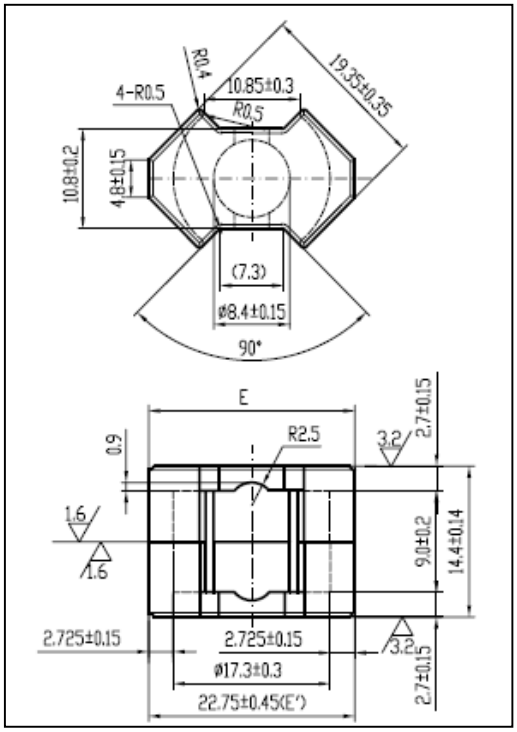
Characteristice

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	3000±25%	≥315	≤1.80
DMR44	3000±25%	≥315	≤1.54
DMR95	4000±25%	≥315	≤1.35

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.51	mm^{-1}
Ve	effective volume	1971.60	mm^3
le	effective length	31.80	mm
Ae	effective area	62.00	mm^2
Amin	minimum area	55.42	mm^2
Wt	mass of core set	≈11.1	g



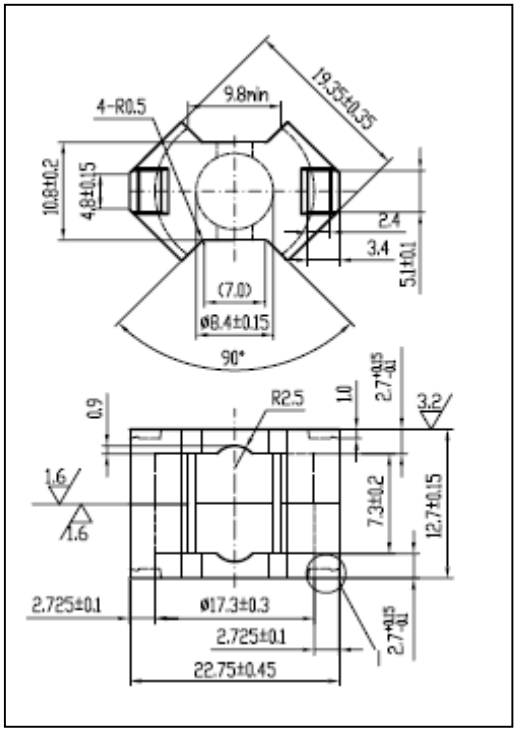
Characteristice

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	3600±25%	≥315	≤1.56
DMR44	3600±25%	≥315	≤1.34
DMR95	4500±25%	≥315	≤1.17

CORE SETS

Effective core parameters

SYMBOL	PARAMETER	VALUE	UNIT
Σ(l/A)	core factor(C_1)	0.48	mm^{-1}
Ve	effective volume	1958.40	mm^3
le	effective length	30.60	mm
Ae	effective area	64.00	mm^2
Amin	minimum area	55.42	mm^2
Wt	mass of core set	≈10	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	3400±25%	≥315	≤1.40
DMR44	3400±25%	≥315	≤1.20