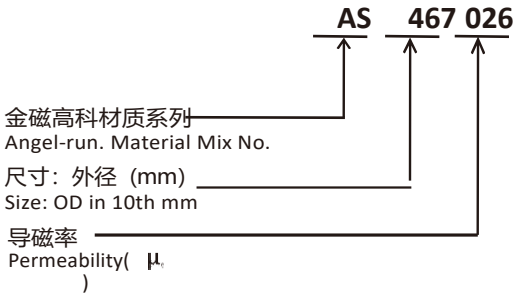
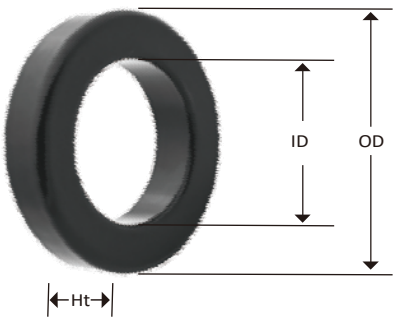


OD46.70XID24.10XHT18.00



金磁高科材质系列
Angel-run. Material Mix No.

铁硅铝磁粉芯
AS:Sendust Cores
铁硅磁粉芯
AF:Fe-Si Cores
超级铁硅铝磁粉芯
APH:Super Sendust Cores
高磁通铁镍磁粉芯
AH:High Flux Cores

物理尺寸 Physical Dimensions

OD	Bare Core Nominal	46.74 mm	1.840 in
	Coated Core (max)	47.63 mm	1.875 in
ID	Bare Core Nominal	24.13 mm	0.950 in
	Coated Core (min)	23.32 mm	0.918 in
Ht	Bare Core Nominal	18.03 mm	0.710 in
	Coated Core (max)	18.92 mm	0.745 in

有效参数 Magnetic Dimensions

Ae	Effective Magnetic Cross Section	1.99 cm ²
Le	Effective Magnetic Path Length	10.743 cm
Ve	Effective Core Volume	21.4 cm ³
WA	Minimum Effective Window Area	4.27 cm ²
SA	Surface Area	81.7 cm ²
MLT	Mean Length Per Turn	7.38 cm

导磁率 Permeability

Reference Perm.	A _i Value (nH/N ²)	AS Sendust	AF Fe-Si	APH Super Sendust	AH High Flux
14 μ	32	AS467014	AF467014	APH467014	AH467014
26 μ	59	AS467026	AF467026	APH467026	AH467026
40 μ	90	AS467040	AF467040	APH467040	AH467040
60 μ	135	AS467060	AF467060	APH467060	AH467060
75 μ	169	AS467075	AF467075	APH467075	AH467075
90 μ	202	AS467090	AF467090	APH467090	AH467090
125 μ	281	AS467125	AF467125		AH467125
147 μ	330	AS467147			AH467147
Approx. Unit Weight:		120 g	150 g	120 g	150 g

测试条件Test Conditions

Winding	N=70, #20 AWG
Frequency	10 kHz
Voltage	0.62 V
A _L Tolerance	±8%

涂层/包装方式 Coating/Packaging Information

Coating Type	Black Epoxy
Voltage Breakdown	2500 Vrms
Limit	0.1 mA, 5 s
Package Quantity	150 Pcs/Box

绕线参数 Magnet Wire Winding Data

Wire Size	AWG	8	10	12	14	16	18	20	22	24	26	28
	mm	3.150	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
Single Layer	Turns	17	22	28	35	45	56	70	88	111	138	173
	Rdc(Ω)	2.6 m	5.3 m	10.7 m	21.4 m	43.7 m	86.5 m	171.9 m	343.7 m	689.5 m	1.4	2.7
Full Winding	Turns	22	35	54	83	128	199	307	476	736	1,139	1,764
	Rdc(Ω)	3.3 m	8.4 m	20.7 m	50.7 m	124.3 m	307.3 m	753.9 m	1.9	4.6	11.3	27.7

