

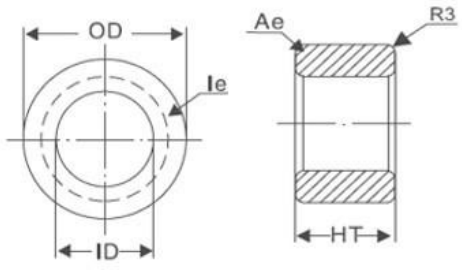
CUSTOMER ELTECHDATE 2022-9-29

SPECIFICATION FOR APPROVAL
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CUSTOMER P/N	R 20.3x12,7x6,35 (77206A 7)
FERRIWO P/N	DS080-125
SPEC.NO.	FSN22029
CORE SHAPE	SENDUST POWDER CORE

APPROVED BY:
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## 1. Shape and Dimensions

	After Coating(mm)		
	OD	ID	HT
	21.1max	12.07min	7.11max
	le(cm)	Ae(cm <sup>2</sup> )	V(cm <sup>3</sup> )
	5.09	0.226	1.15
	Box Quantity (Pieces)		6000 pcs
	Material		SENDUST

## 2. Electromagnetic and Mechanical Parameters

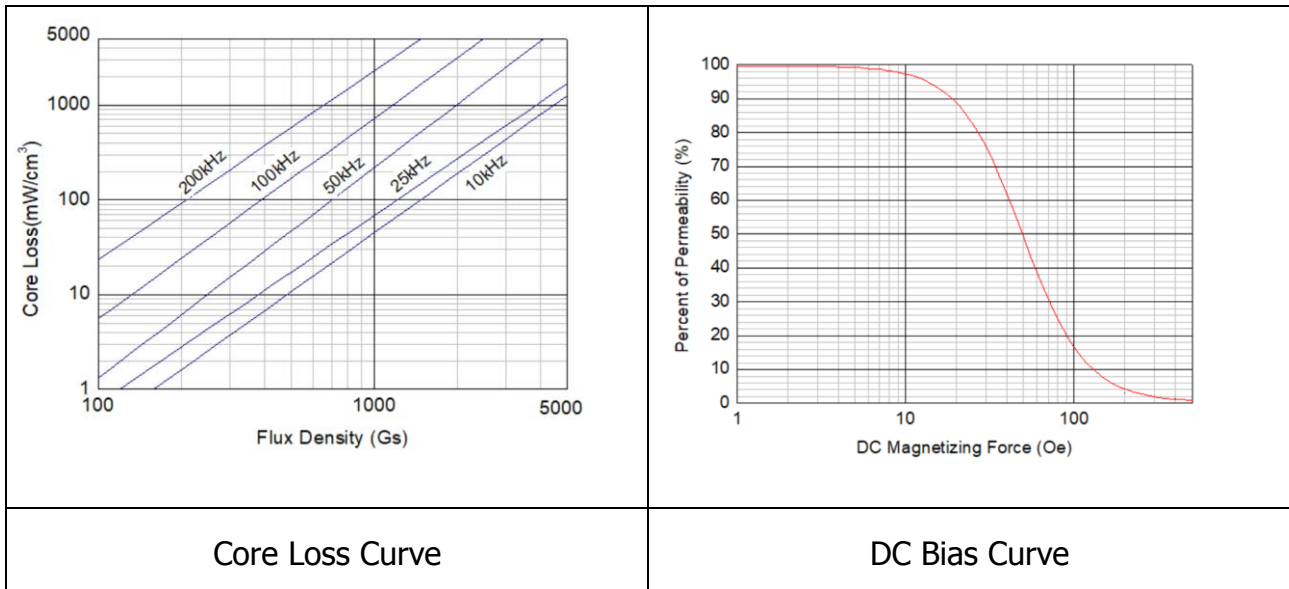
Test Item	Value	Test Condition
AL Value	68nH/N <sup>2</sup> ±8%	Equipment: HP4284A Frequency: 10kHz
L Inductance	42.5µH±8%	Voltage: 1Vrms Coil: Φ0.5mm×25Ts
LDC(BIAS)	LDC(1000e)>7.65 µ H	(Equipment): HP4284A (Frequency):10kHz (Voltage):1Vrms (Coil):0.5mm*25Ts & I=7.5A
Q Value	40min	Equipment: HP4284A Frequency: 100kHz Voltage: 1Vrms Coil: Φ0.5mm×25Ts
Core loss	350mW/cm <sup>3</sup> (Max.)	Equipment: BsT-2 Frequency: 50kHz Flux Density: 100mT
Dielectric Strength	800Vrms Min	Equipment: CS2670 Frequency : 50Hz Leakage Current: 0.5mA Time : 3S
Core Strength	180N Min	
Color	BLACK	

\*Temperature: 25 ± 5°C

3. Appearance Requirement

- (1)The surface of the iron powder core should be dealt with insulating coating.
- (2)After coating, the surface of the products should be smooth; the color and thickness is even distributed. It should have bareness, aliquation, crack, blotch and butt-end. It should not be sticking to the paper, foaming.
- (3)There should be no more than 2 chips. Each chip of the product should be less than 2.0 mm<sup>2</sup>.

4. Material Characteristics



5. Packing

- (1)The products are put in the plastic bag, 250 pieces every bag. The products are put in carton boxes, 8 bags every box.

Item:	P/N:	SPEC./N
SENDUST CORES	DS080-125	FSN220929