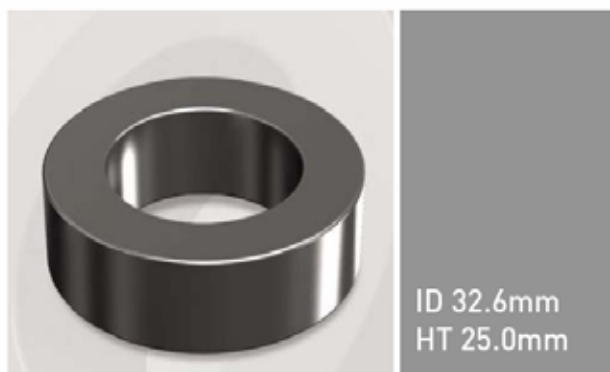


OD610

OD 62.0mm / 2.441inches



Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	62.0	32.6	25.0
	(inch)	2.441	1.283	0.984
After coating (Epoxy)	(mm)	63.1	31.37	26.27
	(inch)	2.484	1.235	1.034

Magnetic Dimensions

Cross Section (A)	Path Length (ℓ)	Window Area (W _a)	Volume (V)
3.675cm ²	14.37cm	7.73cm ²	52.81cm ³
0.570in ²	5.66in	1,525,610cmil	3.223in ³

Available Cores

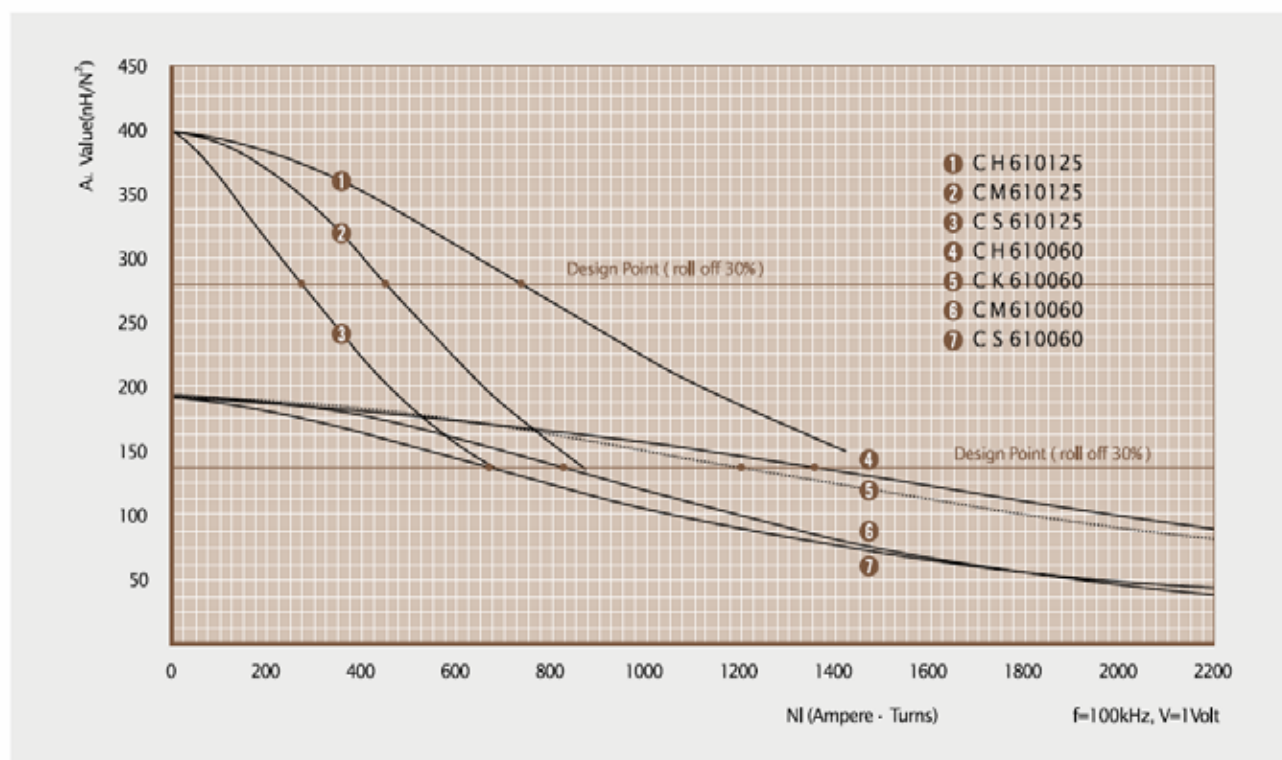
Part No.				A _L (nH/N ²)	Perm. (μ)
MPP	High Flux	Sendust	Mega Flux®		
CM610026	CH610026	CS610026	CK610026	83	26
CM610060	CH610060	CS610060	CK610060	192	60
-	-	CS610075	CK610075	240	75
-	-	CS610090	CK610090	288	90
CM610125	CH610125	CS610125	-	400	125
-	-	-	-	-	147
-	-	-	-	-	160
-	-	-	-	-	173
-	-	-	-	-	200

Winding Information

AWG Wire No. Dia(cm)	Single Layer Turn Rdc, Q	AWG Wire No. Dia(cm)	Single Layer Turn Rdc, Q
10 0.267		19 0.0980	
11 0.238		20 0.0879	
12 0.213		21 0.0785	
13 0.190		22 0.0701	
14 0.171	N • A	23 0.0632	N • A
15 0.153		24 0.0566	
16 0.137		25 0.0505	
17 0.122		26 0.0452	
18 0.109		27 0.0409	

Single layer winding with 1 inch leads

■ AL vs NI Curve(60μ, 125μ)



SPECIFICATION FOR APPROVAL

1. BILL OF MATERIAL

Core : SENDUST

2. ELECTRICAL SPECIFICATION

2-1. AL Value : $400\text{nH}/\text{N}^2 \pm 8\%$

2-2. Test Winding : AWG #22 , 35Turns

2-3. Inductance : $L(0\text{A}) = 490\mu\text{H} \pm 8\%$ (450.8 ~ 529.2 μH)

Measured at 100kHz, 1.0V & 0 A_{DC}

$L(6.5\text{A}) = 333.59\mu\text{H}$ min Measured at 100kHz, 1.0V & 6.5 A_{DC}

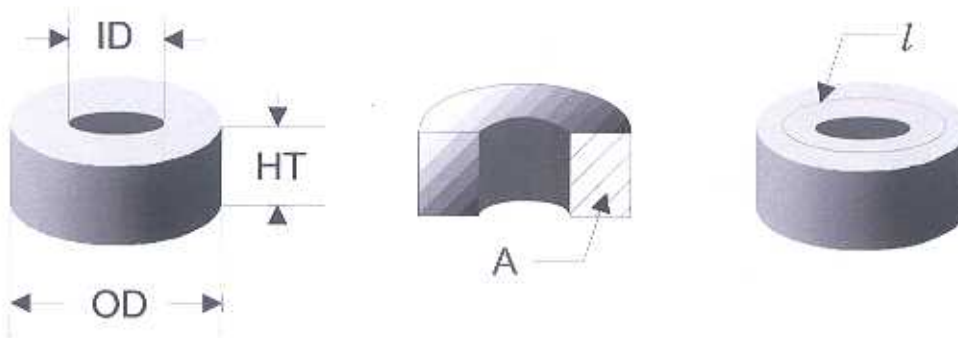
(Test Instrument : HP4284A)

2-4. Q Value : 35min Measured at 100kHz, 1.0V & 0 A_{DC}

2-5. Core Loss : 90mW/cc Max Measured at 50kHz, 500G

(Test Instrument : Iwatsu SY-8216)

3. PHYSICAL DIMENSION (After Finish)



OD : 63.10 mm max

ID : 31.37 mm min

HT : 26.27 mm max

L_e : 14.37cm

A_e : 3.675cm²

V_e : 52.81cm³

CUSTOMER : SELMAG		PART No. : CS610125		DESCRIPTION :	
PREPARED BY	CHECKED BY	APPROVED BY	SHEET 1 OF 1 SHEETS	REV.	A
		