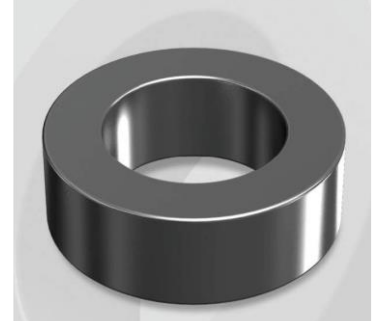


# CH330060GT18

## Electrical Characteristics

Material	Permeability ( $\mu$ )	AL $\pm$ 8% (nH/N <sup>2</sup> )	DCB (% min) @ 100 Oe	Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 1000G
High Flux GT	60	103	77.4	180

OD : 330



## Core Dimensions

Dimensions		Uncoated		Coated		Color	Packaging
		(mm)	(inch)	(mm)	(inch)		
OD	(Max)	33.02	1.300	33.83	1.332	Black	Box Qty = 140 pcs
ID	(min)	19.94	0.785	19.30	0.760		
HT	(max)	18.00	0.709	19.00	0.748		

## Physical Characteristics

Cross Section (A)	Path Length ( $\ell$ )	Window Area (Wa)	Volume (V)	Breakdown Voltage (Vac)
1.13 cm <sup>2</sup>	8.15 cm	2.93 cm <sup>2</sup>	9.234 cm <sup>3</sup>	1,000
0.18 in <sup>2</sup>	3.21 in	577,600 cmil	0.5635 in <sup>3</sup>	

## Winding Information

AWG Wire No. Dia. (cm)	Single Layer Turn Rdc. ( $\Omega$ )	AWG Wire No. Dia. (cm)	Single Layer Turn Rdc. ( $\Omega$ )	Winding length/turn (cm)
12 0.213	23 0.00517	21 0.0785	66 0.105	5.253
13 0.190	26 0.00722	22 0.0701	74 0.148	
14 0.171	29 0.0100	23 0.0632	82 0.206	40% winding factor Surface Area (cm <sup>2</sup> )
15 0.153	32 0.0140	24 0.0566	92 0.289	
16 0.137	37 0.0197	25 0.0505	103 0.406	60.93
17 0.122	41 0.0274	26 0.0452	115 0.572	
18 0.109	46 0.0384	27 0.0409	128 0.794	40% Wound Di.(mm)
19 0.0980	52 0.0538	28 0.0366	143 1.12	
20 0.0879	58 0.0750	29 0.0330	159 1.54	OD ID HT
				38.69 12.64 24.76

## Typical DC Bias Performance

