

# OD 468

OD 46.74mm / 1.840inch

ID 28.70mm  
HT 15.24mm



## Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	46.74	28.70	15.24
	(inch)	1.840	1.130	0.600
After coating (Epoxy)	(mm)	47.60	27.90	16.13
	(inch)	1.875	1.098	0.635

## Magnetic Dimensions

Cross Section (A)	Path Length (l)	Window Area (Wa)	Volume (V)
1.340cm <sup>2</sup>	11.63cm	6.11cm <sup>2</sup>	15.584cm <sup>3</sup>
0.208in <sup>2</sup>	4.58in	1,206,000cmil	0.9526in <sup>3</sup>

## Available Cores

MPP	Part No.		AL (nH/N <sup>2</sup> )	Perm. (μ)
	High Flux	Sendust		
CM468026	CH468026	CS468026	37	26
CM468060	CH468060	CS468060	86	60
		CS468075	107	75
		CS468090	128	90
CM468125	CH468125	CS468125	178	125
CM468147	-	-	210	147
CM468160	-	-	228	160
-	-	-	-	173
-	-	-	-	200

## Winding Information

AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	26	0.00505	19	0.0980	77	0.104
11	0.238	30	0.00708	20	0.0879	86	0.146
12	0.213	34	0.0099	21	0.0785	96	0.205
13	0.190	38	0.0139	22	0.0701	108	0.290
14	0.171	43	0.0193	23	0.0632	120	0.402
15	0.153	48	0.0270	24	0.0566	134	0.565
16	0.137	54	0.0380	25	0.0505	150	0.795
17	0.122	61	0.0530	26	0.0452	168	1.12
18	0.109	68	0.0745	27	0.0409	186	1.56

Single layer winding with 1 inch leads

## AL vs NI Curve (60μ, 125μ)

