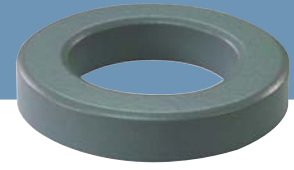


# OD 343

ID 23.37mm  
HT 8.89mm



## Core dimensions and Physical specifications

Before Coating			After Coating			Physical specifications			
OD, max	ID, min	HT, max	OD, max	ID, min	HT, max	Cross Section (Ae)	Path Length (le)	Window Area (Wa)	Volume (V)
34.29mm	23.37mm	8.89mm	35.2mm	22.6mm	9.83mm	0.454cm <sup>2</sup>	8.95cm	4.01cm <sup>2</sup>	4.0633cm <sup>3</sup>
1.35in	0.92in	0.35in	1.386in	0.89in	0.387in	0.07in <sup>2</sup>	3.524in	791000cmil	0.248in <sup>3</sup>

## Core Part Number

Permeability ( $\mu$ )	$A_L$ (nH/N <sup>2</sup> )	Part Number				DC Resistance(Rdc) per Inductance( $\Omega$ /mH)
		MPP	High Flux	Sendust	SFlux	
26	16	OR343M026	OR343H026	OR343S026	-	0.1960
60	38	OR343M060	OR343H060	OR343S060	OR343F060	0.0850
75	47	-	-	OR343S075	-	0.0680
90	57	-	-	OR343S090	OR343F090	0.0566
125	79	OR343M125	OR343H125	OR343S125	-	0.0408
147	93	OR343M147	OR343H147	-	-	0.0347
160	101	OR343M160	OR343H160	-	-	0.0319
173	109	OR343M173	-	-	-	0.0295
200	-	-	-	-	-	0.0255

## Winding Information

AWG wire		Single layer		AWG wire		Single layer		AWG wire		Single layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
8	0.334	18	0.0012	14	0.171	38	0.0101	20	0.088	77	0.0826
9	0.298	20	0.0017	15	0.153	43	0.0145	21	0.079	87	0.1180
10	0.267	23	0.0024	16	0.137	48	0.0205	22	0.070	98	0.1680
11	0.238	26	0.0035	17	0.122	54	0.0288	23	0.063	109	0.2340
12	0.213	30	0.0051	18	0.110	61	0.0413	24	0.057	122	0.3220
13	0.190	34	0.0072	19	0.098	69	0.0665	25	0.051	137	0.4700

## $A_L$ value vs. DC Bias characteristics

