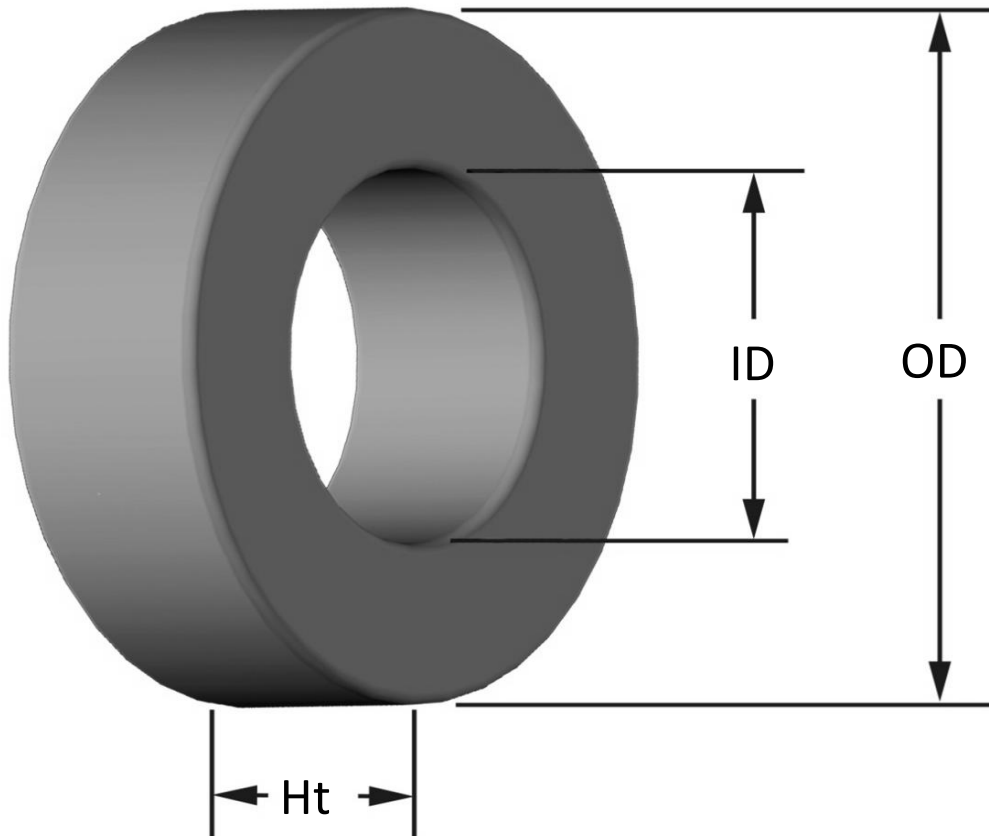




Part Number:

T132-26

Revision 20190524 - Generated 2019-May-30



OD	(nom. - bare core)	33.02 mm	1.300 in
	(max. - after coating)	33.53 mm	1.320 in
ID	(nom. - bare core)	17.78 mm	0.700 in
	(min. - after coating)	17.27 mm	0.680 in
Ht	(nom. - bare core)	11.10 mm	0.437 in
	(max. - after coating)	11.73 mm	0.462 in
Mass	(approximate)	45 grams	
Magnetic Dimensions	A _e - Eff. Mag. Cross Section	0.805 cm ²	
	L _e - Eff. Mag. Path Length	7.96 cm	
	V _e - Eff. Core Volume	6.41 cm ³	
	WA - Min. Eff. Window Area	2.34 cm ²	
	sa - Surface Area	38.9 cm ²	
	mlt - mean length per turn	4.84 cm	
Inductance	μ _i (reference)	75	
	A _L value (nominal)	103 nH/N ²	
	Test Winding	N=100, #26 AWG	
	Frequency	10 kHz	
	Voltage on Agilent 4284A	0.36 V	
	A _L tolerance	±10%	
Core Loss	$\text{Core Loss(mW/cm}^3\text{)} = \frac{f}{\frac{a}{Bpk^3} + \frac{b}{Bpk^{2.3}} + \frac{c}{Bpk^{1.65}}} + d \cdot Bpk^2 \cdot f^2$		
	where B_{pk} expressed in gauss, f expressed in hertz, and: $a=1.00E+09$, $b=1.10E+08$, $c=1.90E+06$, $d=1.90E-13$		
	Bpk	140 G	
	frequency	100 kHz	
	Core Loss (nominal)	83 mW/cm ³	
	Core Loss (maximum)	95 mW/cm ³	
DC Saturation	$\% \mu_i = \frac{1}{a + b \cdot H^c} + d$		
	where H expressed in oersteds, and: $a=1.00E-02$, $b=9.70E-06$, $c=1.72$, $d=0.00$		
	H _{DC}	50 Oe	
	Percent Initial Perm(nom.)	55.2%	
	Percent Initial Perm(min.)	47.4%	
Coating/Pkg	Coating Type:	Yellow/White Epoxy Paint	
	Voltage Breakdown (min.)	500 Vrms, 60Hz	
	Limit	3 mA, 5 s	
	Package Quantity	500 Pcs/Box	

Winding Table	Wire Size	AWG	8	10	12	14	16	18	20	22	24	26	28
		mm	3.150	2.500	2.000	1.600	1.250	1.000	0.800	0.630	0.500	0.400	0.315
	Single Layer	Turns	12	15	20	25	32	41	51	65	81	102	127
		Rdc(Ω)	1.2 m	2.4 m	5.0 m	10.0 m	20.4 m	41.5 m	82.1 m	166.3 m	329.7 m	660.2 m	1.3
	Full Winding	Turns	12	19	29	45	70	109	169	261	404	625	967
		Rdc(Ω)	1.2 m	3.0 m	7.3 m	18.0 m	44.5 m	110.3 m	271.9 m	667.9 m	1.6	4.0	10.0

