



Part Number: T355-26

Revision 20190524 - Generated 2019-May-30



OD	(nom. - bare core) (max. - after coating)	90.17 mm 90.93 mm	3.550 in 3.580 in
ID	(nom. - bare core) (min. - after coating)	57.15 mm 56.39 mm	2.250 in 2.220 in
Ht	(nom. - bare core) (max. - after coating)	24.77 mm 25.53 mm	0.975 in 1.005 in
Mass	(approximate)	630 grams	
Magnetic Dimensions	A _e - Eff. Mag. Cross Section L _e - Eff. Mag. Path Length V _e - Eff. Core Volume WA - Min. Eff. Window Area sa - Surface Area mlt - mean length per turn	3.88 cm ² 23.1 cm 89.9 cm ³ 25.0 cm ² 276 cm ² 11.4 cm	
Inductance	μ _i (reference) A _L value (nominal) Test Winding Frequency Voltage on Agilent 4284A A _L tolerance	75 150 nH/N ² N=100, #22 AWG 10 kHz 1.7 V ±10%	
Core Loss	Core Loss(mW/cm ³)= $\frac{f}{\frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}}} + d \cdot B_{pk}^2 \cdot f^2$ 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 frequency Core Loss (nominal) Core Loss (maximum)	 140 G 100 kHz 83 mW/cm ³ 95 mW/cm ³	
DC Saturation	%μ _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} Percent Initial Perm(nom.) Percent Initial Perm(min.)	 50 Oe 55.2% 47.4%	
Coating/Pkg	Coating Type: Voltage Breakdown (min.) Limit Package Quantity	Yellow/White Epoxy Paint 500 Vrms, 60Hz 3 mA, 5 s 25 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	45	57	71	89	112	140	174	218	271	338	422
	Full Winding	Rdc(Ω)	10.5 m	21.2 m	42.0 m	83.8 m	167.6 m	333.3 m	658.8 m	1.3	2.6	5.1	10.2
		Turns	131	202	313	485	750	1,161	1,797	2,781	4,304	6,662	10,312
		Rdc(Ω)	30.7 m	75.2 m	185.2 m	456.5 m	1.1	2.8	6.8	16.7	41.2	101.5	249.8

