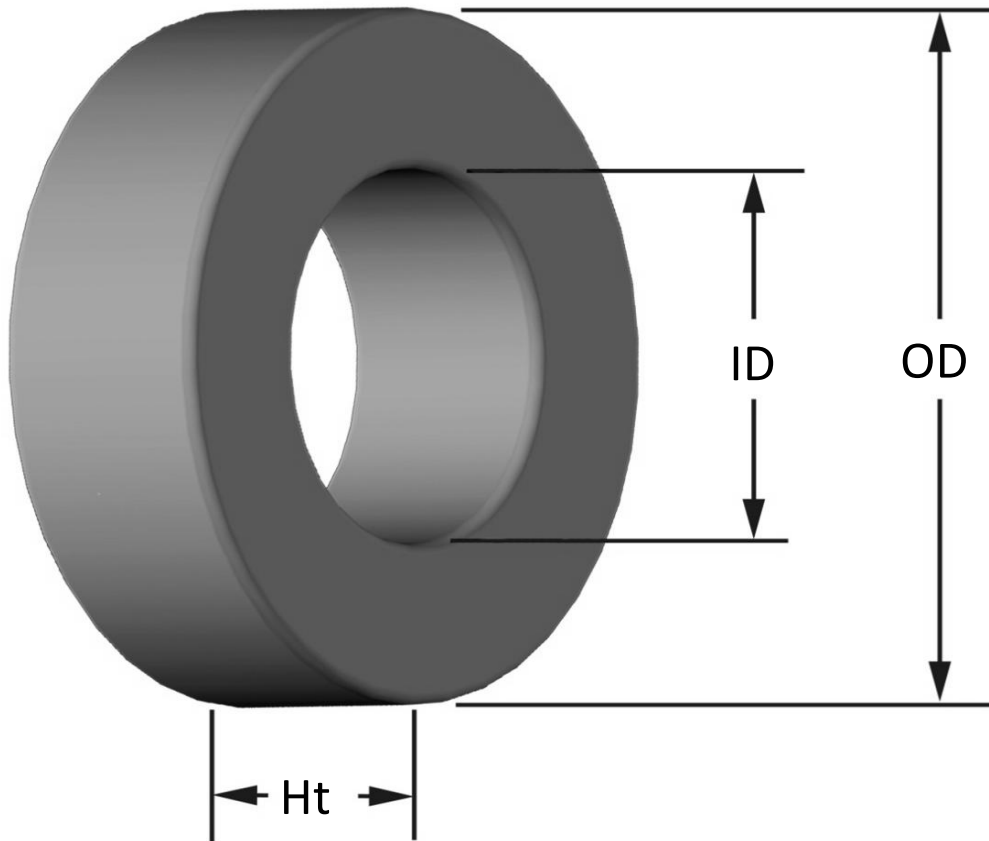




Part Number: **T26-8/90**

Revision 20190524 - Generated 2019-May-30



OD	(nom. - bare core) (max. - after coating)	6.73 mm 7.11 mm	0.265 in 0.280 in									
ID	(nom. - bare core) (min. - after coating)	2.67 mm 2.29 mm	0.105 in 0.090 in									
Ht	(nom. - bare core) (max. - after coating)	4.83 mm 5.33 mm	0.190 in 0.210 in									
Mass	(approximate)	0.86 grams										
Magnetic Dimensions	A _e - Eff. Mag. Cross Section	0.0900 cm ²										
	L _e - Eff. Mag. Path Length	1.47 cm										
	V _e - Eff. Core Volume	0.133 cm ³										
	WA - Min. Eff. Window Area	0.0410 cm ²										
	sa - Surface Area	2.31 cm ²										
Inductance	μ _i (reference)	35										
	A _L value (nominal)	24 nH/N ²										
	Test Winding	N=50, #36 AWG										
	Frequency	10 kHz										
	Voltage on Agilent 4284A	0.020 V										
Core Loss	A _L tolerance	±10%										
	Core Loss(mW/cm ³)=	$\frac{f}{\frac{a}{Bpk^3} + \frac{b}{Bpk^{2.3}} + \frac{c}{Bpk^{1.65}}} + d \cdot Bpk^2 \cdot f^2$										
	where B _{pk} expressed in gauss, f expressed in hertz, and:	a=1.90E+09, b=2.00E+08, c=9.00E+05, d=5.00E-15										
	B _{pk}	140 G										
	frequency	100 kHz										
DC Saturation	Core Loss (nominal)	32 mW/cm ³										
	Core Loss (maximum)	36 mW/cm ³										
	%μ _i =	$\frac{1}{a + b \cdot H^c} + d$										
	where H expressed in oersteds, and:	a=1.00E-02, b=3.49E-06, c=1.43, d=0.00										
Coating/Pkg	H _{DC}	200 Oe										
	Percent Initial Perm(nom.)	60.1%										
	Percent Initial Perm(min.)	53.7%										
	Coating Type:	Yellow/Red Epoxy Paint										
Winding Table	Voltage Breakdown (min.)	500 Vrms, 60Hz										
	Limit	3 mA, 5 s										
	Package Quantity	20,000 Pcs/Box										
	Wire Size	AWG	26	28	30	32	34	36	38	40	42	44
Single Layer	mm	0.400	0.315	0.250	0.200	0.160	0.125	0.100	0.080	0.063	0.050	#N/A
	Turns	11	14	19	24	30	38	48	61	77	96	#N/A
Full Winding	Rdc(Ω)	24.5 m	49.6 m	107.0 m	215.0 m	427.3 m	860.9 m	1.7	3.5	7.0	13.9	#N/A
	Turns	11	17	26	41	63	97	151	233	361	558	#N/A
Full Winding	Rdc(Ω)	24.5 m	60.2 m	146.4 m	367.2 m	897.4 m	2.2	5.4	13.4	32.9	80.9	#N/A

