MAGNETICS ®
A Division of Spang & Company

Specification for:

VJ-41305-TC

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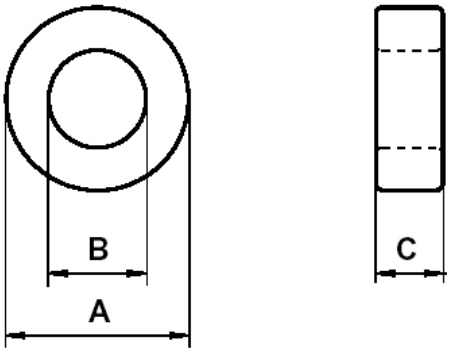
DIMENSIONS



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	12.7	12.85	13.55
I.D. (B)	8.14	7.09	7.79
Ht. (C)	5.08	5.21	5.75

Eff. Parameters		
A_e mm^2	l_e mm	V_e mm^3
11.4	31.7	361

INDUCTANCE

A_L value (nH/T^2)	Test conditions	
2380 ± 20%	10 kHz	0.5 mT (For N = 1, use 1,5 mA), 25°C
≥ 0.9 x A_L @ 10 kHz	200 kHz	

ELECTRICAL LOSSES

tan δ / μ_i	Test conditions
≤ 12·10^{-6}	100 kHz, 0.5 mT, 25°C

COATING

Nylon 11 rated for 155°C continuous operation.
Voltage breakdown rating 1500 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.05.26	Bare Nom ID = 7.92 OD Max = 13.34 ID Min = 7.29 Ht Max = 5.64 LF: General J Material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom ID = 8.14 OD Max = 13.55 ID Min = 7.09 Ht Max = 5.75 LF: Detail as indicated Breakdown voltage > 1,500 V P/N prefix for coating = V (nylon specified)
2005.09.22	A_L value up to 200 kHz	A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz