MAGNETICS ®
A Division of Spang & Company

Specification for:

VJ42207TC

110 Delta Drive
Pittsburgh, PA 15238
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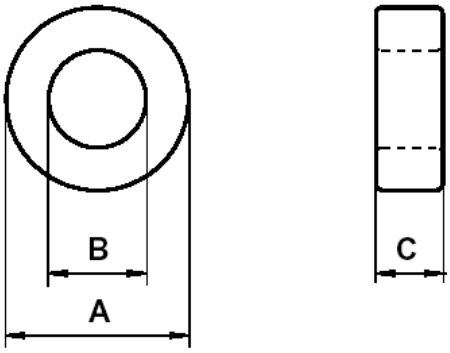
DIMENSIONS



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	22.1	22	23.4
I.D. (B)	13.7	12.5	13.7
Ht. (C)	7.9	7.9	8.9

Eff. Parameters		
A_e mm^2	l_e mm	V_e mm^3
32.5	54.2	1763

INDUCTANCE

A_L value (nH/T^2)	Test conditions	
3700 ± 20%	10 kHz	0.5 mT (For N = 1, use 2.6 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 2000 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.09.26	Bare Nom Ht = 7.92 OD Max = 22.86 ID Min = 12.95 Ht Max = 8.56 LF: General J material A_L value up to 200 kHz Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom Ht = 7.90 OD Max = 23.4 ID Min = 12.5 Ht Max = 8.9 LF: Detail as indicated A_L at 200 kHz ≥ 0.9 x A_L at 10 kHz Breakdown voltage > 2,000 V P/N prefix for coating = V (nylon specified)