A Division of Spang & Company

Specification for:

VR42207TC

110 Delta Drive
Pittsburgh, PA 15238
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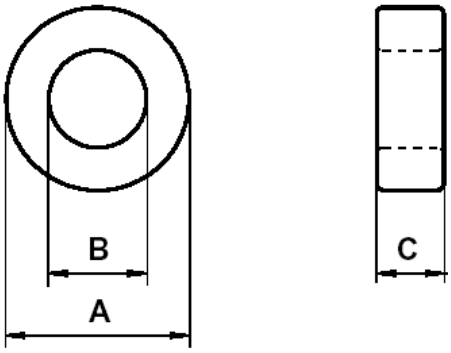
DIMENSIONS



(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)	7.90	7.9	8.9

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

INDUCTANCE

AL value (nH/T^2)	Test conditions
1720 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.12 mA), 25°C

CORE LOSSES

P_L max	Production lot limit Max avg	Test conditions
193.9 mW (110 mW/cm^3)	176.3 mW (100 mW/cm^3)	100 kHz, 100 mT, 100°C
1.26 W (715 mW/cm^3)	1.15 W (650 mW/cm^3)	100 kHz, 200 mT, 100°C

COATING

Nylon11 rated for 155°C continuous operation.
Voltage breakdown rating 2 kV_{DC} Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2006.06.19	Bare Nom Ht = 7.92 OD Max = 22.86 ID Min = 12.95 Ht Max = 8.56 Losses: General R material 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 Losses: Detail as indicated Breakdown voltage > 2,000 V_{DC} P/N prefix for coating = V (nylon specified)