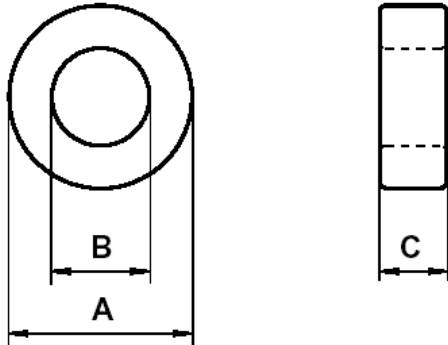




Specification for:
VP42507TC

110 Delta Drive
Pittsburgh, PA 15238
Phone: 412/696-1333
Fax: 412/696-0333
Email:magnetics@spang.com

DIMENSIONS



(mm)	Uncoated Nominal:	Coated Min:	Coated Max:
O.D. (A)	25.34	25.24	26.64
I.D. (B)	15.45	14.15	15.35
Ht. (C)	7.66	7.66	8.66

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
37.1	61.5	2284

INDUCTANCE

AL value (nH/T ²)	Test conditions
1958 ± 25%	10 kHz, 0.5 mT (For N = 5, use 1.1 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
281 mW (123 mW/cm ³)	256 mW (112 mW/cm ³)	100 kHz, 100 mT, 100°C
-	-	-

COATING

Nylon11 rated for 155°C continuous operation.
Voltage breakdown rating 2000 V Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2005.04.25	Bare Nom OD = 25.4 Bare Nom ID = 15.5 Bare Nom HT = 7.92 OD Max = 26.29 ID Min = 14.6 Ht Max = 8.56 Losses: General P material Breakdown voltage > 1,000 V P/N prefix for coating = Z (nylon or epoxy)	Bare Nom OD = 25.34 Bare Nom ID = 15.45 Bare Nom HT = 7.66 OD Max = 26.64 ID Min = 14.15 Ht Max = 8.66 Losses: Detail as indicated Breakdown voltage > 2,000 V P/N prefix for coating = V (nylon specified)