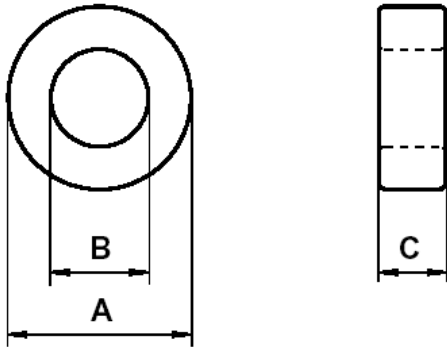




Specification for:
VF42508TC

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)	10	10	11

Eff. Parameters		
A _e mm ²	l _e mm	V _e mm ³
48	61.5	2981

INDUCTANCE

AL value (nH/T ²)	Test conditions
2900 ± 20%	10 kHz, 0.5 mT (For N = 5, use 1 mA), 25°C

CORE LOSSES

P _L max	Production lot limit Max avg	Test conditions
656 mW (220 mW/cm ³)	596 mW (200 mW/cm ³)	25 kHz, 200 mT, 100°C

COATING

Nylon11 rated for 155°C continuous operation.
 Voltage breakdown rating 2000 V_{DC} Min Wire-to-Wire.

NOTE

Spec. Modifications	Previous	Revised
2006.06.20	Bare Nom OD = 25.4 Bare Nom ID = 15.5 OD Max = 26.29 ID Min = 14.6 Ht Max = 10.65 Losses: General F 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 OD Max = 26.64 ID Min = 14.15 Ht Max = 11 Losses: Detail as indicated Breakdown voltage > 2,000 V _{DC} P/N prefix for coating = V (nylon specified)