

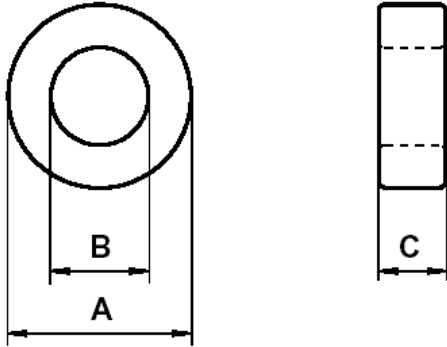


Specification for:

**0C42206TC**

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 Pittsburgh, PA 15238  
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**DIMENSIONS**



(mm)	Uncoated Nominal:	Min:	Max:
O.D. (A)	22.1	21.72	22.48
I.D. (B)	13.7	13.33	14.07
Ht. (C)	6.35	6.03	6.53

Eff. Parameters		
A <sub>e</sub> mm <sup>2</sup>	l <sub>e</sub> mm	V <sub>e</sub> mm <sup>3</sup>
26.2	54.1	1417

**INDUCTANCE**

A <sub>L</sub> value (nH/T <sup>2</sup> )	Test conditions	
538 ± 25%	10 kHz	0.5 mT (For N = 5, use 2.82 mA), 25°C

**ELECTRICAL LOSSES**

tan δ / μ <sub>i</sub> max	tan δ / μ <sub>i</sub> Typ	Test conditions	
≤ 60 · 10 <sup>-6</sup>	≤ 30 · 10 <sup>-6</sup>	300 kHz	0.5 mT, 25°C
≤ 300 · 10 <sup>-6</sup>	≤ 200 · 10 <sup>-6</sup>	1000 kHz	

**TEMPERATURE FACTOR**

α <sub>F</sub>	Test conditions
2.0 · 10 <sup>-6</sup> to -5.0 · 10 <sup>-6</sup> /°C	+20°C to +40°C
2.0 · 10 <sup>-6</sup> to -2.0 · 10 <sup>-6</sup> /°C	+40°C to +70°C

**COATING**

Uncoated
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