

# Final Product Specification



Part No : 28-017C36  
Issue No : 01

Description : F/TOR 12.7X7.1X5.0/F9C  
Issue Date : 26.07.2012  
UoM : Each

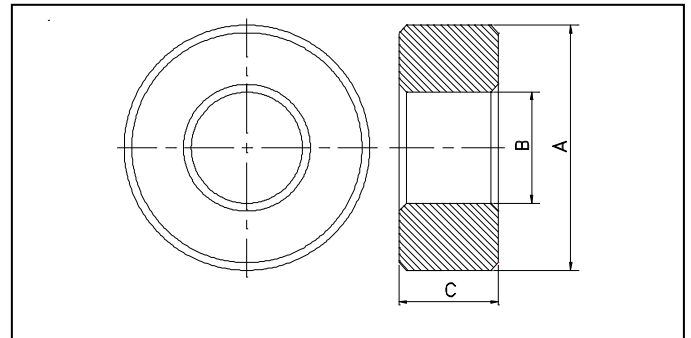
## Electrical specification:

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor	10 KHz, 20 mV	2800+30%-20% nH *
2	Initial Permeability	B=0.1mT, 10KHz,25°C	5000+/-20 % *
3	Saturation flux density	H=796A/m, 23+/-2°C	460 mT typical
4	Loss factor	100KHz, B=0.1mT	20x10 <sup>-6</sup> max*
5	Loss factor	100KHz,B=0.1 mT, Prod toroid 15 mm max	20 x10 <sup>-6</sup> max*
6	Loss factor	100KHz,B=0.1 mT, Prod toroid 15-32 mm max	30x10 <sup>-6</sup> max*
7	Loss factor	100KHz,B=0.1mT Prod toroid 32 mm min	40x10 <sup>-6</sup> typ *
8	Hysterisis factor	10KHz, B=1.5-3.0 mT	1.1x10 <sup>-6</sup> max
9	Temperature factor	10 KHz, B=0.1mT 25-55°C	-1to 2x10 <sup>-6</sup>
10	Curie Temperature	10 KHz, B<0.1 mT	160°C min

Le=30.13 mm    Ae=13.45 mm<sup>2</sup>  
Ve=405 mm<sup>2</sup>    C1=2.24 mm<sup>-1</sup>

## Mechanical specification:

ID	PARAMETER	Before coating
A	Outer diameter	12.40-13.30 mm
B	Inner diameter	7.10-7.60 mm
C	Thickness	4.75-5.25 mm



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