

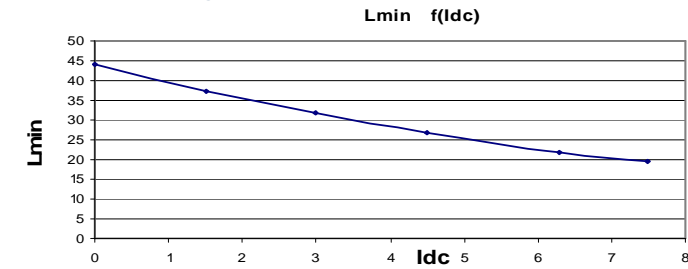
Resistance = 15 m $\Omega$  max

Frequency kHz	Ripple Current	10% $\Delta$ I	20% $\Delta$ I	30% $\Delta$ I
25	Total losses mW	450	460	470
	$\Delta$ T $^{\circ}$ C	20	20	21
50	Total losses mW	450	470	490
	$\Delta$ T $^{\circ}$ C	20	20	21
75	Total losses mW	460	480	520
	$\Delta$ T $^{\circ}$ C	20	21	22
100	Total losses mW	460	490	550
	$\Delta$ T $^{\circ}$ C	20	21	23

Electrical data @ 25 $^{\circ}$ C

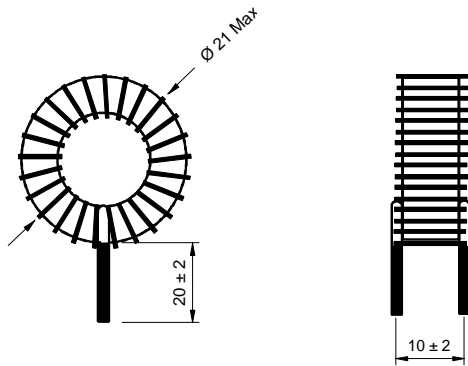
**L f(I<sub>dc</sub>) Inductance Values**

I <sub>dc</sub> (A)	L <sub>min</sub> ( $\mu$ H)
0	44
1,5	37
3	32
4,5	27
6,3	22
7,5	19

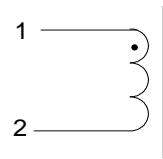


**PN : 55164SNV**

Mechanical dimensions



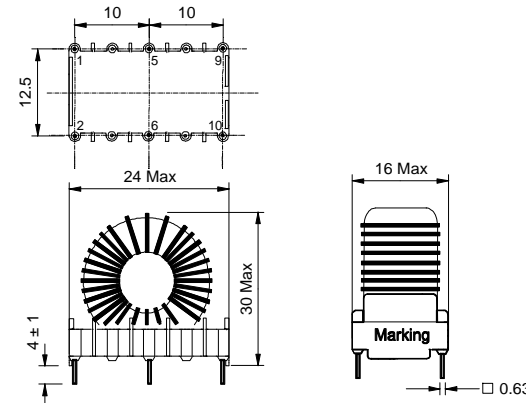
Schematic



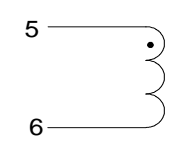
Inductance 1-2  
Implantation in holes : 1.4 mm

**PN : 55164EE**

Mechanical dimensions



Schematic



Inductance 5-6  
Blind pins 1-2-9-10  
5-6 Implantation in holes : 1.4 mm  
1-2-5-9 Implantation in holes : 1,2 mm

[See Version BV](#)

[See Version BH](#)